

Medicine Meets Millennium

during EXPO 2000 Hannover
Co-sponsored by the World Health Organization,
Geneva, Switzerland

World Congress on Medicine and Health
July 21 - August 20, 2000 at Hannover Congress Center (HCC)

Global Dialogue for Health
"Health: The Key to Human Development"
August 29 - August 31, 2000 at the Convention Center
in the heart of the EXPO site



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Madjid Samii

Secretary General
Gerhard Franz Walter

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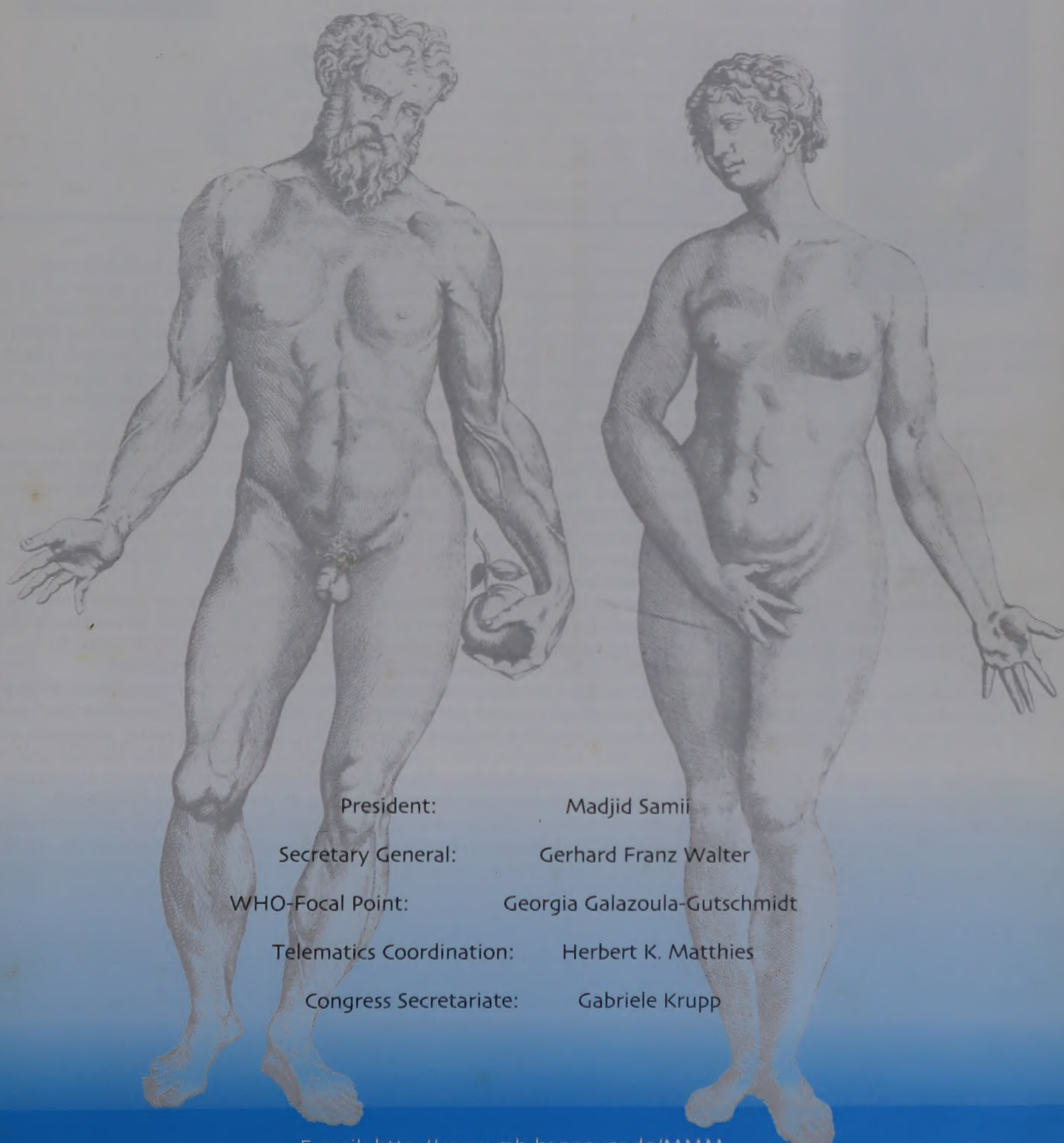
The cover shows a copper engraving of a man and a woman from the first systematic atlas of human anatomy by Andrea Vesalius (1543) from Brussels. The man and the woman have a secure foothold on a globe depicting a part of the genetic sequence of the Duchenne muscular dystrophy gene, the first human gene ever to be completely unraveled by positional cloning (Koenig et al., 1987). From the first descriptions of human anatomy at the turn from the Middle Ages to modern times, to today's Human Genome Project which will be completed in the first years of the 21st century, the search for better understanding of health and disease continues to fascinate the entire humankind. Following the classical admonition "tua res agitur" by the ancient Roman poet and philosopher Horatius, the cover emphasizes humankind's responsibility for the future social, scientific and technological developments in search of health for all on this globe.

Vesalius A (1543) De humani corporis fabrica libri septem. Basel: Ioannes Oporinus.

Koenig M, Hoffman EP, Bertelson CJ, Monaco AP, Feener C, Kunkel LM (1987) Complete cloning of the Duchenne muscular dystrophy (DMD) cDNA and preliminary genomic organization of the DMD gene in normal and affected individuals. Cell 50:509-517.

Medicine Meets Millennium

World Congress on Medicine and Health 21 July - 31 August 2000
During the World Exposition EXPO 2000 Hannover, Germany



President:

Madjid Samii

Secretary General:

Gerhard Franz Walter

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The threshold of a new century and the dawn of a new millennium provide a good opportunity for us to cease our endeavours for a short while and to reconsider our goals and how these might be redefined to meet future challenges. This is nowhere more true than in the fields of medicine and health. Medicine Meets Millennium will serve as just such a time of reflection. It will be a unique opportunity to unite medical scientists, health professionals of all relevant fields, and WHO-representatives in an international congress for the consideration of new scientific, social and political approaches to improve and to secure health for all.

In order to reflect the general theme of EXPO 2000 Humankind - Nature - Technology and the messages of the Health Futures exhibition, Medicine Meets Millennium has the following aims: to place the social and economic prerequisites for health in a global context at the highest level of expertise; to highlight the spearhead areas of medical research and scientific innovation as positive developments; and to publicize the impressive technological advances not only in prevention, diagnosis and therapy, but also in information technology and telecommunications in the service of health.



Madjid Samii

Dear Congress Participants:

It is indeed a great pleasure and honour for me to welcome you to the World Congress on Medicine and Health Medicine Meets Millennium on occasion of the first World Exposition to be held in Germany, the EXPO 2000 in Hannover.

For the first time, over 300 scientists from different medical fields, coming from all parts of the world, will gather and discuss in a truly transdisciplinary way the state of the art of medicine and health at the end of the second millennium and, at the edge of the upcoming third millennium, the possibilities and perspectives in medicine and health, humankind will have in the world of tomorrow.

I am thankful to the members of our national and international advisory boards and the World Health Organization for nominating the topics and selecting the distinguished speakers. My special thanks belong of course to all invited speakers who have accepted my personal invitation to come Hannover. Without the support of Hannover Medical School, in particular of the dean, Professor von der Hardt and those colleagues who engaged themselves in organizing this congress, this event would not have been possible.

Furthermore I especially thank the Physicians' Chamber of Lower Saxony and its president Professor Eckel for their help and their ideas to organize some special symposia for a medical as well as lay public. My thanks belong furthermore to Professor Walter, Secretary General of the Congress and to my staff.

I am pleased that the German government acknowledges the importance of this congress which is not only under the patronage of the German Chancellor Gerhard Schröder but also that the Federal Minister for Education, Science, Research and Technology, Mrs. Bulmahn, the Federal Minister for Health, Mrs. Fischer and the Prime Minister of Lower Saxony, Mr. Gabriel and the Lord Mayor of Hannover, Mr. Schmalstieg, will welcome the participants at the Opening Ceremony.

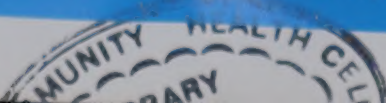
Following the congress, a Global Dialogue for Health will provide a platform where a diverse group of individuals - experts, interest groups, representatives of public and private sectors, and above all, young people, will come together to exchange views and chart the way forward towards the vision of a sustainable future that holds meaning for all elements of society, across the globe.

I am full of hope that this congress will give a unique opportunity for a worldwide exchange of ideas and will search for global solutions of the different challenging problems in medicine and healthcare.

My colleagues and I welcome you cordially and we will do our best to make your stay in Hannover an unforgettable experience.

Madjid Samii
Congress President

Medicine Meets Millennium
World Congress on Medicine and Health



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Gerhard Schröder

Message of Greeting of the Federal Chancellor Gerhard Schröder

A World Congress on Medicine and Health which brings together participants from all continents for a tour d`horizon is a worthy contribution to the world exhibition EXPO 2000. With its ambitious programme, "Medicine Meets Millennium" will help to make EXPO 2000 a forward-looking forum for encounters, exchange and dialogue between the cultures of our world.

You are facing a great challenge: Together you will take stock of developments in medicine at the beginning of the new millennium and thereby present valuable knowledge and experience to prevent, alleviate and cure illnesses.

The start of a new millennium is a good time to look back at what we have achieved: the last century was marked by almost incredible medical advances in prevention, diagnoses and treatment. The latest staying posts in this development which stretches from fighting the main infectious diseases to minimally invasive surgery are highly innovative methods of genetic research and information technology whose enormous potential for the health care of the world population cannot yet be predicted.

Scientific progress is not everything however. The higher life expectancy and improved standard of living of people in many countries of the earth would have been unthinkable without increased awareness of health matters and the establishment of public health care systems.

Alongside these promising developments, the world is facing difficult challenges and grave dangers in the new millennium: the new opportunities created by genetic engineering raise ethical questions about the limits of medicine. The worldwide ageing of populations and the medical and technical advances confront national health services with the dilemma of finding a balance between what is possible and what is affordable.

In the coming years it will be vitally important to ensure that the blessings of modern medicine are not restricted to the privileged few. This is not just the case within individual countries but even more between the rich industrialized countries and the countries of the so-called Third World. It is in these countries that medical care has to be extended and particularly the protection from old and new infectious diseases has to be improved.

That is why I am particularly impressed by the wide scope of this congress: the dialogue will stretch far beyond the latest medical breakthroughs to encompass the social and cultural aspects. After all, health is inextricably linked to the world in which we live.

If we all have an open attitude and pool our knowledge and powers, the new millennium gives us the chance to make key progress on the health care of the world population. To this end, I hope all the participants have an informative, stimulating and successful time at the World Congress on Medicine and Health.



Gro Harlem
Brundtland

Welcome address by Gro Harlem Brundtland,

Director General of the World Health Organization

The 20th century has been marked by great gains in human health. We have witnessed a rapid rise in life expectancy, an improvement in living conditions and a dramatic decline of mortality. But in health, success stories often create new challenges. These challenges include the emerging epidemics of chronic diseases and injuries that in many cases occur because people now live longer and have different lifestyles to those prior to industrialization. Simultaneously, many countries, particularly those that are poor, continue to face the same infectious diseases, or are faced with new or re-emerging ones. Modern transportation systems that carry people and products across borders accelerate the globalization of the spread of infectious diseases.

Increasing globalization is not synonymous with deterioration of health, however. The development of international fibre-optic networks, satellite communications and the ever-expanding Internet is opening up new opportunities in telemedicine and telehealth, for example. But the gap between these technologies' potential and their accessibility increases with the growing inequity between the rich and the poor. And that technology gap exacerbates poverty.

Poverty remains the greatest threat to human health at the dawn of the 21st century. If we are to achieve health for all, we must focus on reducing poverty. To do so, we have to work together to spread current knowledge, making it relevant to people's lives in different contexts, and advance our understanding of what makes people healthy or sick. This can be accomplished by creating specific technologies such as drugs and vaccines on the one hand, and on the other, by providing opportunities for populations to pursue health-promoting behaviours.

The World Health Organization's vision for the new millennium places health at the heart of human development. The way forward is through greater investments in health by developing more effective health systems, by expanding the knowledge base, by encouraging healthy lifestyles, and by creating the policies that promote the health of whole populations.

The complex determinants of health - social, economic, ecological, biological and technological - require our collective effort to draw upon complementary areas of experience and expertise and work together to create positive health trends.

The World Congress presents a unique opportunity to unite our efforts and showcase state-of-the-art knowledge to promote health for all.



Andrea Fischer

Grußwort von Frau Andrea Fischer,

Bundesministerin für Gesundheit

Gesundheit ist eines der zentralen Themen, das alle Menschen bewegt. Der medizinische Fortschritt und vor allem die Verbesserung der Lebensbedingungen bieten an der Schwelle zum nächsten Jahrtausend gute Chancen für ein Mehr an Gesundheit, vor allem für ein Mehr an Lebensqualität überall auf der Welt. Allerdings sind diese Chancen nach wie vor sehr ungleich verteilt. Deshalb ist es folgerichtig, dass die Weltausstellung im Jahr 2000 dem Themenbereich Gesundheit und vor allem der Frage, wie können wir die gesundheitliche Situation verbessern, einen grossen Schwerpunkt widmet.

Die Ausstellung "Health Futures" im Rahmen des Themenparks wird Besucherinnen und Besucher auf vielfältige Weise zur persönlichen Auseinandersetzung mit dem Thema Gesundheit ermuntern. Der zentrale Kongress Medicine Meets Millennium und ebenso der geplante Global Dialogue mit dem Titel "Health: the Key to Human Development" werden den aktuellen Stand des medizinischen Wissens dokumentieren und einen breiten Austausch von Fachleuten ermöglichen.

Wir wissen jedoch inzwischen, dass die Schaffung gesunder Lebens- und Arbeitsbedingungen als eine globale und gesamtpolitische Aufgabe zu sehen ist. Hier sind alle gefordert, nicht nur die Gesundheitspolitiker und all diejenigen, die als Professionelle im Gesundheitswesen arbeiten.

Deshalb begrüße ich es, dass der Global Dialogue die Brücke zwischen Professionellen und Laien schlagen will, indem nicht nur Spezialisten aus der Medizin, sondern engagierte Personen aus den unterschiedlichsten Bereichen, aus Politik, Wirtschaft, aber auch aus Patienteninitiativen in den Dialog treten. Denn es ist längst klar, dass wir das Ziel mehr Gesundheit weltweit nur erreichen können, wenn wir die Menschen aktiv in vielfältige Strategien zur Verbesserung der Lebensbedingungen und zur Bekämpfung von Krankheiten einbeziehen. Ich freue mich darauf, Sie im Jahr 2000 in Hannover zu treffen.



Heidemarie
Wieczorek-Zeul

Grußwort von Frau Heidemarie Wieczorek-Zeul,

Bundesministerin für wirtschaftliche Zusammenarbeit und Entwicklung

Schon in der UN-Menschenrechtsdeklaration von 1948 wird festgestellt: "Gesundheit ist ein Menschenrecht". Dabei ist laut Definition der Weltgesundheitsorganisation (WHO) Gesundheit nicht nur das Freisein von Krankheit, sondern der Zustand des körperlichen, geistigen und sozialen Wohlbefinden eines jeden Menschen. Zweifellos wurden in den vergangenen 50 Jahren grosse medizinische Fortschritte erzielt, die jedoch zumeist nur der Bevölkerung in den Industrieländern zugute kamen. Trotz erheblicher Eigenanstrengungen zahlreicher Entwicklungsländer zur Verbesserung der Gesundheitssituation ihrer Bewohnerinnen und Bewohner, dabei maßgeblich unterstützt durch die internationale Gebergemeinschaft, leben auch am Ende dieses Jahrtausends noch Milliarden von Menschen in der Dritten Welt ohne oder zumindest ohne ausreichenden Zugang zu Basisgesundheitsdiensten mit einer angemessenen ärztlichen Versorgung. Hinzu kommt, dass in vielen Entwicklungsländern der Gesundheitsetat des Staates nur wenige US-Dollar pro Einwohner beträgt, und damit - abgesehen von dem Mangel an ausgebildetem ärztlichem Personal - häufig teure, aber notwendige Arzneimittel oder technische Geräte nicht zur Verfügung stehen. Hohe Kindersterblichkeit einerseits, zum Teil unkontrolliertes Bevölkerungswachstum andererseits, sowie, zumindest in einigen Ländern, ein Rückgang der durchschnittlichen Lebenserwartung der Bevölkerung mit allen damit verbundenen sozialen und wirtschaftlichen Konsequenzen, sind die Folge. Hinzu kommt, dass sich einige Infektionskrankheiten, mit deren Ausrottung man schon seit Jahren gerechnet hatte, wie z. B. Malaria, weiterhin ausbreiten. Es ist der WHO zu verdanken, dass durch ihre neue "Roll-Back-Malaria"-Initiative, die auch von der Bundesregierung unterstützt wird, diesem Problem erneut Beachtung geschenkt wird. In noch viel grösserem Maße gilt dies für die HIV/AIDS-Pandemie, die ursprünglich nur als Gesundheitsproblem gesehen, sich als eine umfassende "Entwicklungskrise" erwiesen hat, die, wie in vielen Ländern, insbesondere im südlichen Afrika, alle wirtschaftlichen und sozialen Fortschritte der letzten 20 Jahre zunichte gemacht hat.

Der Beginn des neuen Millenniums gibt uns allen, den Vertreterinnen und Vertretern sowohl der Industrie- wie der Entwicklungsländer, die auf der EXPO 2000 so zahlreich vertreten sind, wie auch den internationalen Entwicklungsorganisationen, der Pharmaindustrie und den Ärzte-Organisationen Anlass, alles zu tun, damit "Gesundheit für Alle", wie sie schon 1978 anlässlich der Weltgesundheitsversammlung in Alma Ata bis zum Jahr 2000 gefordert wurde, in absehbarer Zukunft keine Vision mehr bleibt. In diesem Sinne wünsche ich dem Weltkongress "Medicine Meets Millennium" viel Erfolg.

Friday, 21 July 2000

Brain Diseases: Advances in Neuroradiology

08:30
09:00 - 10:30Opening of the Congress Site
Scientific Session

Chair: **Martin Schumacher** (President, German Society of Neuroradiology, Director, Department of Neuroradiology, University of Freiburg, Germany) **Hartmut Becker** (President, Working Group of Neuroradiology, German Röntgen Society, Director, Department of Neuroradiology, Hannover Medical School, Germany)

Niels Birbaumer (Director, Institute of Medical Psychology and Behaviour Neurobiology, University of Tübingen, Germany) Millennium of the brain - millennium of behaviour

Rainer Göbel (Director, Institute of Psychology, University of Maastricht, The Netherlands, and Max Planck Institute for Brain Research, Frankfurt/Main, Germany) Imaging of the brain today

Stefan Felber (Director, Institute of MRI and Spectroscopy, University of Innsbruck, Austria) Visualization of brain functions

10:30 - 11:00
11:00 - 12:30Break
Scientific Session

Volker Seifert (Director, Department of Neurosurgery, University of Frankfurt/Main, Germany) From image to brain surgery

Lars Farde (Director, Department of Psychiatry, Karolinska Hospital, Stockholm, Sweden) Neuroimaging in psychiatry

Olof Flodmark (President Elect, European Society of Neuroradiology, Director, Department of Neuroradiology, University of Stockholm, Sweden) Neuroimaging in neuropaediatrics

12:30 - 14:00
14:00 - 15:30Lunch
Scientific Session

Francis Veillon (Director, Department of Neuroradiology, University of Strasbourg, France) Neuroimaging of the skull base

Jacques Moret (President Elect, French Society of Neuroradiology, Director, Department of Interventional Neuroradiology, Rothschild Foundation, Paris, France) Minimal invasive treatment of brain aneurysms and arteriovenous malformations

Martin Schumacher (Freiburg, Germany) Minimal invasive treatment in stroke

Martin Schumacher (Freiburg, Germany) Chairman's remarks

15:30 - 16:00
16:00 - 17:30Break
Forum

Neuroradiology in progress: where do we go - what do we need? Special Guest: **Guido Guglielmi** (Director, Interventional Neuroradiology, Department of Neurological Sciences, University "La Sapienza", Rome Italy)

18:00

Opening Ceremony

Medicine Meets Millennium
World Congress on Medicine and Health

18:00

Opening Ceremony

Under the patronage of **Gerhard Schröder**, Chancellor of the Federal Republic of Germany

Justus Frantz and the Philharmony of Nations

Welcome address: **Madjid Samii**, President of Medicine Meets Millennium, President, World Federation of Neurosurgical Societies, Director, Department of Neurosurgery, Hannover Medical School, Germany
Sigmar Gabriel, Prime Minister of Niedersachsen, Hannover, Germany
Edelgard Bulmahn, Federal Minister for Education and Research, Berlin, Germany
Andrea Fischer, Federal Minister for Health, Berlin, Germany
Herbert Schmalstieg, Lord Mayor of Hannover, Germany
Birgit Breuel, Ambassador, General Commissioner of EXPO 2000 Hannover, Germany
Rafael Bengoa, Director, Health Care, World Health Organization, Geneva, Switzerland
Heyo Eckel, President Physicians' Chamber of Niedersachsen, Hannover, Germany
Horst von der Hardt, Rector, Hannover Medical School, Germany

Justus Frantz and the Philharmony of NationsInaugural
lecture:

Stanley B. Prusiner (Nobel Laureate for Medicine 1997; Director, Department of Neurology, University of California, San Francisco, California, U.S.A.) Prion Biology and Diseases

Simultanübersetzung

Reception

Medicine Meets Millennium
World Congress on Medicine and Health

Saturday, 22 July 2000

Brain and Mind Orchestra

08:30
09:00 - 10:30Opening of the Congress Site
Scientific Session

Madjid Samii (President, World Federation of Neurosurgical Societies, Director, Department of Neurosurgery, Hannover Medical School, Germany) Introductory remarks on behalf of the organizers

Chair: **Paul Kleihues** (Director, International Agency for Research on Cancer, World Health Organization, Lyon, France)

Ronald D. McKay (Laboratory of Molecular Biology, National Institutes of Neurological Disorders and Stroke, Bethesda, Maryland, U.S.A.) To obtain the brain add growth factors to stem cells

Anders Björklund (Director, Section of Neurobiology, Wallenberg Neuroscience Centre, Lund, Sweden) Restoration of function after central nervous system damage

Fred H. Gage (Director, Laboratory of Genetics, The Salk Institute for Biological Studies, La Jolla, California, U.S.A.) Biological approaches towards brain repair

10:30 - 11:00
11:00 - 12:30Break
Scientific Session

Paul Kleihues (Lyon, France) Brain tumours and genes

Richard S.J. Frackowiak (Director, Wellcome Department of Cognitive Neurology, Institute of Neurology, University College London, United Kingdom) Imaging and brain mapping

Thomas Brandt (Director, Department of Neurology, University of Munich, Germany) How to detect errors in the nervous system: the modelling of brain function

12:30 - 14:00
14:00 - 15:30Lunch
Scientific Session

Alim Louis Benabid (Director, Department of Clinical and Biological Neurosciences, INSERM Preclinical Neurobiology, Joseph Fourier University of Grenoble, France) Technological strategies to restore brain functions

Anton Valavanis (Director, Institute of Neuroradiology, University of Zurich, Switzerland) Cerebral circulation in brain disorders

Madjid Samii (Hannover, Germany) Neurobionics: rebirth of lost brain and mind functions?

Paul Kleihues (Lyon, France) Chairman's remarks

15:30 - 16:00
16:00 - 17:30Break
Forum

Know your brain

17:30

Closing of the day

Medicine Meets Millennium
World Congress on Medicine and Health

08:30

09:00 - 10:30

Opening of the Congress Site
Scientific Session

Thomas Lenarz (Director, Department of Oto-Rhino-Laryngology, Hannover Medical School, Germany)
Welcome address on behalf of the organizers

Chair: **John E.A. Wickham**

(President, Society for Minimally Invasive Therapy, London, United Kingdom)

Pierre Rabischong (Director, Institute of Anatomy and Human Biomechanics,
University of Montpellier, France) Anatomy: the basis for advanced technology in medicine

Robert V. Shannon (Director, Auditory Brainstem Implant Project, Head, Department of Auditory
Implants and Perception, House Ear Institute, Los Angeles, California, U.S.A.)
Auditory brain stem implant

Hartmut Schwahn, (Department of Pathophysiology of Vision and Neuroophthalmology,
University of Tübingen, Germany) Retina implant

10:30 - 11:00

11:00 - 12:30

Break
Scientific Session

Thomas Lenarz (Hannover, Germany) Cochlear implant

Shizuo Oi (Director, Department of Neurosurgery, Tokai University, Kanagawa, Japan)
Endoscopy in neurosurgery

Christoph B. Ostertag (Director, Department of Stereotactic Neurosurgery,
University of Freiburg, Germany) Stereotactic brain surgery

12:30 - 14:00

14:00 - 15:30

Lunch
Scientific Session

Eberhard Stennert (Director, Department of Otolaryngology, University of Cologne, Germany)
Hypoglossal-facial anastomosis (HFA): central nervous connections and brain plasticity

John E.A. Wickham (London, United Kingdom)
Minimally invasive therapy

John E.A. Wickham (London, United Kingdom)
Chairman's remarks

15:30 - 16:00

16:00 - 17:30

Break
Forum

Robotics and the operating room of the future

17:30

Closing of the day

Sunday, 23 July 2000

Brain and Mind Orchestra

08:30
09:00 - 10:30Opening of the Congress Site
Scientific Session**Reinhard Dengler** (Director, Department of Neurology; Hannover Medical School, Germany)
Welcome address on behalf of the organizersChair: **Lord Walton of Detchant** (Oxford, United Kingdom)**Paul B. Baltes** (Director, Center for Lifespan Psychology, Max Planck
Institute for Human Development, Berlin, Germany) Plasticity of the ageing mind**Hans-Jochen Heinze** (Director, Department of Neurophysiology, University of Magdeburg, Germany)
Brain and consciousness**W. Allen Hauser** (Department of Neurology, College of Physicians and Surgeons,
Columbia University, New York, U.S.A.) Epidemiological foci of neurological diseases10:30 - 11:00
11:00 - 12:30Break
Scientific Session**Christian E. Elger** (Director, Department of Epileptology, University of Bonn, Germany)
Seizure disorders**Giovanni Battista Ricci** (Director, Department of Neurophysiology, University of Rome, Italy)
Functional MR imaging of epilepsy**Tomokatu Hori** (Director, Department of Neurosurgery, Tokyo Women's Medical University, Tokyo, Japan)
Subtemporal selective amygdalahippocampectomy for medically intractable temporal lobe epilepsy**Falk Oppel** (Director, Department of Neurosurgery, Academic Teaching Hospital Gilead, Bielefeld-Bethel, Germany)
Surgery of the epilepsies: a challenge in neurosurgery**Josef Zentner** (Department of Neurosurgery, University of Freiburg, Germany)
Functional oriented surgical approaches in epilepsies12:30 - 14:00
14:00 - 15:30Lunch
Scientific Session**Wolf D. Heiss** (Director, Max Planck Institute for Neurologic Research, Cologne, Germany) Stroke**Konrad Beyreuther** (Director, Centre for Molecular Biology ZMBH, University of Heidelberg, Germany)
Alzheimer disease: moving from molecular pathology to prevention**Lord Walton of Detchant** (Oxford, United Kingdom)
Clinical neuroscience into the 21st century**Lord Walton of Detchant** (Oxford, United Kingdom)
Chairman's remarks15:30 - 16:00
16:00 - 17:30Break
Forum

Social integration of neurologically and mentally disabled

17:30

Closing of the day

Minimally Invasive Therapy

08:30
09:00 - 10:30Opening of the Congress Site
Scientific Session**Thomas Lenarz** (Department of Oto-Rhino-Laryngology, Hannover Medical School, Germany)

Welcome address on behalf of the organizers

Chair: **Pierre Rabischong** (Director, Institute of Anatomy and Human Biomechanics,
University of Montpellier, France)**Wolfgang Steiner** (Director, Department of Oto-Rhino-Laryngology, University of Göttingen, Germany)
Laser microsurgery: a new approach in head and neck oncology**Thomas Lenarz** (Hannover, Germany)

IGS as a tool in the integrated operating room

10:30 - 11:00
11:00 - 12:30Break
Scientific Session**Peter McLaren Black** (Director, Department of Neurosurgery, Brigham and Women's Hospital, Harvard
Medical School, Boston, Massachusetts, U.S.A.)

Intraoperative MRI in brain surgery

Herwig Swoboda (Department of Otolaryngology, Hospital Lainz, Vienna, Austria)

Teleconsulting in otorhinolaryngology and its impact on interdisciplinary approaches

Pierre Rabischong (Montpellier, France)

Chairman's remarks

12:30 - 14:00
14:00 - 18:00Lunch
Scientific Session

Intraoperative navigation, computer-aided surgery and robotics

18:00

Closing of the day

Sunday, 23 July 2000

Neurosurgery Meets Millennium

Scientific Session - Stereotaxy & Navigation

- V. Sturm** (Germany) Stereotactic Treatment Options in Parkinson's Disease
D. Hellwig (Germany) Stereotactic Neurosurgery in the New Millennium - From the Frame to Robotic Neurosurgery
R. Bucholz (U.S.A.) Information Guided Therapy: The Future of Neurosurgery
T. Yoshimine (Japan) The Results of Image-Guided Neurosurgery
Sh. Kobayashi (Japan) Introduction of the HUMAN (Hyper Utility Mechatronic Assistant) manipulator system for Neurosurgery in the 21st Century
F. Ulrich (Germany) Automated Brain Surgery using Robotic Microscopes, Open MR Systems and Gamma Knives
K. Ungersböck (Austria) Neuronavigation in Brain Tumor Surgery
R. Fahlbusch (Germany) Functional Neuronavigation and Intraoperative MRI - Possibilities and Perspectives
M. Hadani (Israel) Pole Star MRI Guided System
T. Itakura (Japan) Intraoperative Neuronavigation System using Mobile CT Scanner
H. Bertalanffy (Germany) The Value of Neuronavigation for the Surgical Removal of Brain Stem and Basal Ganglia Cavernous Angiomas
G. Wurm (Austria) Neuronavigation and Functional Mapping. An Interdisciplinary Approach to Everyday Neurosurgery.
A. Jödicke (Germany) Neuronavigation-integrated Ultrasonography: Accuracy and Clinical Application in Brain Tumor Resection
H. Ferraz-Leite (Austria) CT - 3D Controlled Percutaneous Compression of the Gasserian Ganglion for Trigeminal Neuralgia

12:30 - 13:00
13:00 - 14:00Break
Special Lectures

- A. Rhoton** (U.S.A.) Art and Beauty of the Brain in Neurosurgery
Janecka (U.S.A.) Human Face: Its Mysteries and Potentialities

14:00 - 14:30
14:30 - 15:30Lunch
Scientific Session

- R. Behr** (Germany) Experience with Patients after Auditory Brain Stem Implant
C. Matthies (Germany) N.N.
J. Haase (Denmark) Interfacing the Body's Own Sensing Receptors into Implantable Prosthesis Devices
W. Eisner (Austria) Electrophysiological Monitoring in Neurosurgery - Standards and Future

15:30 - 16:00
16:00 - 17:45Break
Scientific Session - Neurosurgery in Developing Countries

- S. Ezzat** (Egypt) Neurosurgical Practice in Developing Countries
I. Ali Raja (Pakistan) Technology and Health Care in Developing Countries
H. Zidan (Egypt) Modern Technology and Health Care in Egypt
A. El Khamlichi (Morocco) African Neurosurgery
I. Sbeih (Jordan) Skull Base Surgery in Jordan - Personal Experience
M. Samii, B.L. Bauer (Germany) The Use of a Universal Neurosurgical Set in Developing Countries

17:45 - 18:00
18:00 - 19:00Break
Special Lectures

- P. Rabischong** (France) Comprehensive Approach of Neuroanatomy in the Next Millennium
K. Takakura (Japan) Computer aided Neurosurgical Operating Theatre
W. Hitselberger (U.S.A.) The Auditory Brain Stem Implant

19:00

Closing of the day

Neurosurgery Meets Millennium

08:30 - 10:00

Scientific Session - Surgery

- H. Arnold (Germany) The Impact of "Globalisation" upon German Neurosurgeons
 J. Brotchi (Belgium) Ethics and Future of Neurosurgery
 R. Sengupta (England) Scenario of Neurosurgery after 2nd Millennium
 M. Choux (France) Management of Brain Tumors in Children - Present and Future
 N. Sörensen (Germany) Cavernomas in Infancy and Childhood
 A. Negrotto (Uruguay) Cavernous Malformations in Children
 S.R. Dharker (India) Intracranial Epidermoids
 W. Braunsdorf (Germany) Intraoperative Chemotherapy with Gliadel (Carmustin) in Recurrent Glioblastoma - Experiences in 12 Patients
 Ch. Wang (China) Hemangioblastoma of the Medulla Oblongata
 A. Bricolo (Italy) Brain Stem Surgery

12:30 - 13:00

Break

13:00 - 14:00

Special Lectures

14:00 - 15:35

Scientific Session - Spine

Blauer Saal
Bonatzsaal

- J. Harms (Germany) Tumor Surgery at the Occipito-Cervical Junction
 H.-U. Thal (Germany) Transoral Clipping of Vertebral Junction Region Aneurysms
 D.-K. Böker (Germany) Cervical Vertebral Interbody Fusion with a New Titanium Intervertebral Plate
 J. Wickboldt (Germany) Cervical Interbody Fusion - Allotransplants Versus Biological Transplants (Autolog, Heterolog, Xeno): A Vision for the Future
 P.-M. Zink (Germany) Microdecompression in Lumbar Stenosis
 L. R. Mello (Brazil) Spinal Cord Arachnoid Ossification: Etiology, Imaging and Surgical Aspects

15:35 - 15:50

Break

15:50 - 16:45

Scientific Session

- A. Antoniuk (Brazil) Spinal Cord Tumors: A 10 Years Review
 K. E. Turel (India) Spinal Intramedullary Tumors - The Curable Malignancy of Central Nervous System
 F. Ling (China) Microsurgery and Embolization on Intramedullary AVM

16:45 - 18:00

Scientific Session - Peripheral Nerve

- A. Berger (Germany) Our Experience in the Management of Obstetrical Palsy (260 Patients)
 A. Alexandre (Italy) Microsurgical Treatment of the Thoracic Outlet Syndrome
 H. Giocoli (Argentina) Lumbosacral Injuries
 G. Foroglou (Greece) Experimental Peripheral Nerve Lesions

18:00 - 19:00

Special Lectures

Blauer Saal

19:00

Closing of the day

Monday, 24 July 2000

Pain

08:30

09:00 - 10:30

Opening of the Congress Site
Scientific Session

Jan-Peter Jantzen (Director, Department of Anaesthesiology and Intensive Care, Academic Teaching Hospital Nordstadt, Hannover, Germany) Welcome address on behalf of the organizers

Chair: **Patrick D. Wall** (St. Thomas' Hospital, London, United Kingdom), **Jan-Peter Jantzen** (Hannover, Germany)

Manfred Zimmermann (Neuroscience and Pain Research Institute, Technology Park Heidelberg, Germany) Pain as a worldwide problem

Dennis C. Turk (John & Emma Bonica Professor, Department of Anaesthesiology and Pain Research, University of Washington, Seattle, Washington, U.S.A.) Is pain mind or brain?

Stephan A. Schug (Head, Section of Anaesthetics, Department of Pharmacology and Clinical Pharmacology, Faculty of Health Sciences, University of Auckland, New Zealand) Is there a prophylaxis for chronic pain?

10:30 - 11:00

11:00 - 12:30

Break
Scientific Session

Chair: **Gordon Waddell** (Glasgow, United Kingdom), **M. Zenz** (Director, Department of Anaesthesiology, Intensive Care and Pain Therapy, University of Bochum, Germany)

Gordon Waddell (Glasgow, United Kingdom) Pain as a biological and cultural phenomenon

Michael Tryba (Department of Anaesthesiology, Intensive Care Medicine and Pain Management, Kassel Clinics, Kassel, Germany) Epidemiology and economics of pain

Monika Hasenbring (Department of Medical Psychology, University of Bochum, Germany) Dope or herbs? Prevention and treatment.

12:30 - 14:00

14:00 - 15:30

Lunch
Scientific Session

Chair: **M.R. Rajagopal** (Director, Pain and Palliative Care Clinic, Medical College, Calicut, Kerala, India), **Michael Tryba** (Kassel, Germany)

Harald C. Traue (Director, Department of Medical Psychology, University of Ulm, Germany) Pain in the helpless

Anne Merriman (Hospice Uganda, Kampala, Uganda) Pain in the developing world

Patrick D. Wall (St. Thomas' Hospital, London, United Kingdom) Should there be a painfree world?

15:30 - 16:00

16:00 - 17:30

Break
Forum

Abuse and misuse of pain

Moderation: **M. Zenz** (Director, Department of Anaesthesiology, Intensive Care and Pain Therapy, University of Bochum, Germany)

17:30

Closing of the day

09:00 - 13:00

Live Surgery Cochlear Implant

Roter Saal

Transmitted from Hannover Medical School **Thomas Lenarz** (Director, Department of Oto-Rhino-Laryngology, Hannover Medical School, Germany)

08:30 - 10:15

Scientific Session - Endoscopy

- T. Kanno (Japan) Endoscopy for Lesions in the Posterior Fossa
 S. Oi (Japan) Dynamic Analysis of CSF Circulation and Neuroendoscopic Surgery
 Y. Kato (Japan) Endoscope Assisted Microsurgery of Cerebral Aneurysms
 F. Duffner, E.H. Grote (Germany) Technical Advances in Neuroendoscopy
 R. del Valle (Mexico) Diagnostic and Therapeutic Stereotactic Steerable Endoscopy

10:15 - 10:45

Break

10:45 - 12:30

Scientific Session

- D. Freudenstein (Germany) Virtual Neuroendoscopy
 L. Krasznai (Austria) Why blindly, if you can see it?
 Application of new Imaging Technologies in Shunt Operations
 A.C. Ribas (Brazil) Endoscopic Assisted Cervical Microdiscectomy
 F. Schmidt (Brazil) Videoendoscopic Microdiscectomy for Lumbar Disc Herniations
 L.-S. Lin (Taiwan) Transthoracic Endoscopic Sympathectomy for Palmar Hyperhidrosis and Bromhidrosis
 A. Berger (Germany) Endoscopic Carpal Tunnel Release - A Control Study on 250 Patients

12:30 - 12:45

Break

12:45 - 14:00

Luncheon Seminar - Chemotherapy in Malignant Gliomas

Roter Saal

- D. Thomas (England)
 K. Takakura (Japan)
 Prof. Bogdan (Germany)
 B. Babapour (Germany)

14:00 - 15:30

Scientific Session - Brain Trauma & Rehabilitation

- J. Hekmatpanah (USA) Cerebral Microvascular Alteration in Cardiac Arrest
 W. Gobiet (Germany) Early and Specific Neurosurgical/Neurotraumatological Rehabilitation -
 Essential Basis to Successful Reintegration
 W. Ischebeck (Germany) Neurorehabilitation after Brain and Spinal Surgery
 H. Bennefeld (Germany) Costs of Neurological and Neurosurgical Rehabilitation -
 Are they acceptable and senseful in times of reduced financial resources?

15:30 - 16:00

Break

16:00 - 17:15

Scientific Session

- K. Holl (Austria) Cranioplasty with Computer-generated Carbon Fibre Reinforced Plastic Implants
 K. Dei-Anang (Germany) Dexamethasonpalmitat - A Drug to prevent epidural and epineural fibrosis
 K.E. Richard (Germany) Telemetric Intracranial Pressure Measurements
 U.H. Wiese (Germany) Development, Adaptation, and Regeneration of Neural Networks -
 Basic Mechanisms and Modifiability

17:15 - 18:00

Break

18:00 - 19:00

Special Lectures

- D. Parkinson (Canada) The Recognition of the Extradural Skull Base
 A. Cheesman (England) The Results of Craniofacial Resection for Tumors of the Paranasal Sinuses.
 A 20 years' Experience.
 D. Thomas (England) Neuro-navigation - How much does it help the Neurosurgeon?

19:00

Closing of the day

Monday, 24 July 2000

Neurosurgery Meets Millennium

08:30 - 10:15

Scientific Session - Skull Base

- D.P. Becker** (U.S.A.) Morbidity Avoidance in Complex Skull Base Surgery
K.S. Choi (Korea) The Petroclival Tumor Surgery - SNUH Experience
E. Kohmura (Japan) Tailored Approach to Tumors around the Petrous Bone
H. El Hussein (Egypt) Skull Base Surgery: Our Need of Extensive Approaches
B.K. Misra (India) Optimally Invasive Neurosurgery
R. Ramina (Brazil) Management of Jugular Foramen Lesions

10:15 - 10:30
10:30 - 12:30

Break

Scientific Session - Sellar Region

- J.L. Antunes** (Portugal) The Hypothalamus-Pituitary Axis. A Neurosurgical View
D.K. Lüdecke (Germany) Pituitary Surgery, Forerunner in Hyperradical Tumor Surgery
 by Direct Intraoperative Quality Control with Specific Tumor Markers
J.A. Landeiro (Brazil) Endoscopic Transsphenoid Approach to the Sella Tumors
A. Basso (Argentina) Management of Cushing's Disease
G. Maira (Italy) Surgical Treatment of Craniopharyngiomas.
 An Evaluation of the Transsphenoidal and Intracranial Approaches
K.-N. Shao (Taiwan) Microsurgery of Sella Region Meningioma
V. Chanyavanich (Thailand) Opened Cavernous Sinus Surgery after failure of Detachable Balloon
 Therapy for Traumatic Carotid Cavernous Sinus Fistula: Experiences in 250 Cases

12:30 - 12:45
12:45 - 14:00
14:00 - 14:30

Break

Luncheon Seminar - Chemotherapy in Malignant Gliomas
Special Lectures

Roter Saal

- J. Moret** (France) State of the Art in Endovascular Surgery of Vascular Malformations of the Brain

14:30 - 16:30

Scientific Session - Vascular

- J.G. Martin-Rodriguez** (Spain) Endovascular Treatment of Ruptured Aneurysm: Early Coiling Reduces Re-bleeding
B. Richling (Austria) Aneurysm Therapy between Microsurgery and Embolization
V. Dolenc (Slovenia) Irreplaceable Surgical Treatment for Diseased and/or Damaged Intracranial Arteries
F. G. Diaz (USA) Cerebrovascular Reconstruction
K. Hashi (Japan) Surgery for Giant Thrombosed Basilar Artery Aneurysms
V. Chanyavanich (Thailand) Multimodality Treatment of Arterio-Venous Malformation: Experience of 300 Cases
S. Yamada (USA) Tactics for AVM Resection in the Sensorimotor Area

16:30 - 16:45
16:45 - 18:00

Break

Scientific Session - Gamma Knife Surgery

- B. Karlsson** (Sweden) Radiosurgery in the New Millennium
J. Zierski (Germany) Radiosurgery of Skull Base Meningiomas to treat or to wait?
G. A. Horstmann (Germany) Gamma Knife Radiosurgery and the new Model C with Automatic Positioning
 System: A New Instrument for the New Millennium

18:00 - 19:00
19:00Special Lectures
Closing of the day

Blauer Saal

09:00 - 13:00

Live Surgery Cochlear Implant

Roter Saal

Transmitted from Hannover Medical School **Thomas Lenarz** (Director,
 Department of Oto-Rhino-Laryngology, Hannover Medical School, Germany)

International Drug Film Festival

As introduction to the topic **Abuse of Substances** which will be presented on Tuesday, 25 July 2000, an **International Drug Film Festival** will take place in the multiplex cinema Cinemaxx in Hannover. During the whole day in four theatres, the history of films on drugs and addiction will be represented. This also includes avant-garde cinema and films which are rather extraordinary. Ticket and reservation at Cinemaxx:

Ticket (with reserved seat/mit Sitzplatzreservierung) DM 10,00

Festival-Ticket (three films and more/ab drei reservierten Filmen) DM 24,00

Kino 8 (740 places)	Kino 7 (405 places)	Kino 10 (213 places)	Kino 9 (187 places)
	Drugstore Cowboy U.S.A. '89 101 min, OmdU 12:00 - 13:41	Die Sehnsucht der Veronika Voss Germany '82 104 min, OF 12:00 - 13:44	The Doors U.S.A. '90 135 min, OF 12:00 - 14:15
Trainspotting U.K. '95 94 min, OmdU 14:00 - 15:34	My Name is Joe U.K. '98 105 min, OmdU 14:00 - 15:45	Der Freund USSR '87 82 min, OmdU 14:00 - 15:22	Chappaqua U.S.A. '66 82 min, OmdU Before: Ver-Sucht Germany '99 20 min, OF 14:30 - 15:52
Leaving Las Vegas U.S.A./France '95 111 min, OmdU 15:45 - 17:34	Die Sehnsucht der Veronika Voss Germany '82 104 min, OF 16:00 - 17:44	Huncke and Louis U.S.A. '99 102 min, OF 16:00 - 17:42	Der Freund USSR '87 82 min, OmdU 16:15 - 17:37
My Name is Joe U.K. '98 105 min, OmdU 18:00 - 19:45	Fear and Loathing in Las Vegas U.S.A. '98 116 min, OF 18:00 - 19:56	Nachtgestalten * Germany 104 min, OF 18:15 - 19:59	Naked Lunch U.K. '91 120 min; OF 18:00 - 20:00
Trainspotting U.K. '95 94 min, OmdU 20:30 - 22:04	The Doors U.S.A. '90 135 min, OF 20:30 - 22:45	Chappaqua U.S.A. '66 82 min, OmdU Before: Ver-Sucht Germany '99 20 min, OF 20:30 - 22:45	Leaving Las Vegas U.S.A./France '95 111 min, OmdU 20:30 - 22:21
Naked Lunch U.K. '91 120 min; OF 22:30 - 00:30	Drugstore Cowboy U.S.A. '89 101 min, OmdU 23:00 - 00:41	Huncke and Louis U.S.A. '99 102 min, OF 23:00 - 00:42	Fear and Loathing in Las Vegas U.S.A. '98 116 min, OF 23:00 - 00:56

Andreas Dresen, Regisseur des Films "Nachtgestalten", wird bei der Vorführung anwesend sein und anschließend zur Diskussion mit Prof. **Hinderk M. Emrich** und dem Publikum bereitstehen.

Tuesday, 25 July 2000

Abuse of Substances

08:30
09:00 - 10:30Opening of the Congress Site
Scientific Session

Hinderk M. Emrich (Director, Department of Clinical Psychiatry and Psychotherapy, Hannover Medical School, Germany) Welcome address on behalf of the organizers
 Chair: **Griffith Edwards** (Director, Institute of Psychiatry, National Addiction Centre, London, United Kingdom)

Griffith Edwards (London, United Kingdom)
 Epidemiology of drug dependence

George A. Ricaurte (Director, Department of Neurology, Francis Scott Key Medical Center, Johns Hopkins University School of Medicine, Baltimore, Maryland, U.S.A.)
 Clinical and neurobiological findings in MDMA ("ecstasy") and amphetamine-type stimulants

Raphael Mechoulam (Lionel Jacobson Professor of Medicinal Chemistry, Medical Faculty, Hebrew University, Jerusalem, Israel)
 Exogenous and endogenous cannabinoids: understanding of psychotropic properties

10:30 - 11:00
11:00 - 12:30Break
Scientific Session

Judith Mackay (Asian Consultancy on Tobacco Control, Hong Kong)
 The tobacco epidemic amongst young people

Sally Casswell (Director, Alcohol & Public Health Research Unit, Department of Community Health, University of Auckland, New Zealand)
 Alcohol, gender and violence

Charles Parry (Chief Specialist Scientist, National Urbanization and Health Research Programme, Medical Research Council, Tygerberg, Republic of South Africa)
 Alcohol problems in developing countries

12:30 - 14:00
14:00 - 15:30Lunch
Scientific Session

Ambros Uchtenhagen (Director, Addiction Research Institute, University of Zurich, Switzerland)
 Prevention, treatment and policy responses

Hannelore Ehrenreich (Max Planck Institute for Experimental Medicine, Göttingen, Germany)
 New concepts of treatment I

Hans Udo Schneider (Department of Clinical Psychiatry and Psychotherapy, Hannover Medical School, Germany)
 New concepts of treatment II

Griffith Edwards (London, United Kingdom)
 Chairman's remarks

15:30 - 16:00
16:00 - 17:30Break
Forum

Transcultural, regional and epidemiological aspects of abuse: prevention and drug policy
 Moderation: **Albert Herz** (Max Planck Institute for Neurobiology, Martinsried, Germany)

17:30

Closing of the day

09:00 - 13:00

Live Surgery
Surgery of Acoustic Neurinoma and Auditory Brainstem Implant

Roter Saal

Transmitted from Hospital Nordstadt Hannover **Madjid Samii** (Director, Department of Neurosurgery, Hannover Medical School, Germany) **Thomas Lenarz** (Director, Department of Oto-Rhino-Laryngology, Hannover Medical School, Germany)

08:30
09:00 - 10:30

Opening of the Congress Site
Scientific Session

Wielant Machleidt (Director, Department of Social Psychiatry and Psychotherapy, Hannover Medical School, Germany) Welcome address on behalf of the organizers
Chair: **Peter Ebigbo** (Department of Psychological Medicine, Directorate of Research and Publication, College of Medicine, University of Nigeria, Enugu, Nigeria)
Wole Soyinka (Nobel Laureate for Literature 1990, Essay Foundation, Upland, California, and Emory University, Atlanta, Georgia, U.S.A.) The gods of ethical healing
Wolfgang U. Eckart (Director, Institute for History in Medicine, University of Heidelberg, Germany) The physician's power over life and death: the century of the extremes
Roland Littlewood (Director, Centre for Medical Anthropology, University College London, London, United Kingdom) Cultures in transition: migration and globalization

10:30 - 11:00
11:00 - 12:30

Break
Scientific Session

Lynn Payer (New York, U.S.A.) Medical idiosyncrasies: our national ulcers
Gerard Bodeker (GIFTS of Health, Green College, Oxford, United Kingdom) Traditional medicine
Wielant Machleidt (Hannover, Germany) Shamanism and psychotherapy: mutual cross-cultural factors in the treatment of mental illness

12:30 - 14:00
14:00 - 15:30

Lunch
Scientific Session

Özcan Köknel (Istanbul, Turkey) On the historical relation between medicine, culture and mental health from the perspective of multiethnic health care needs in Asia Minor and the Middle East
Peter Ebigbo (Enugu, Nigeria) Global perspectives of mental health in the 21st century from the African point of view
Norman Sartorius (President, World Psychiatric Association, Director, Department of Psychiatry, University of Geneva, Switzerland) Global perspectives of mental health in the 21st century
Peter Ebigbo (Enugu, Nigeria) Chairman's remarks

15:30 - 16:00
16:00 - 17:30

Break
Forum

Tradition and culture supporting psychic health in a time of extraordinary social and economic Change
Moderation: **Norman Sartorius** (Geneva, Switzerland)

17:30

Closing of the day

Thursday, 27 July 2000

Art and Health

08:30
09:00 - 10:30Opening of the Congress Site
Scientific Session

Eckart Altenmüller (Director, Institute of Music Physiology and Performing Arts Medicine,
Music Academy of Hannover, Germany)
Welcome address on behalf of the organizers

Chair: **Georg W. Kreutzberg** (Past President, International Society of Neuropathology, Director,
Department of Neuromorphology, Max Planck Institute of Neurobiology, Martinsried, Germany)

Georg W. Kreutzberg (Martinsried, Germany)
Behind the human face the brain

Walter Pödlinger (Director emeritus, Department of Psychiatry,
University of Basel, Switzerland, Art Therapy, Maria Enzersdorf, Austria)
Pictorial art and health

Olu Oguibe (College of Fine Arts, University of South Florida, U.S.A.)
Art and health in a changing world

10:30 - 11:00
11:00 - 12:30Break
Scientific Session

Maria Cristina Molo Bettelini (Vice-President, Art-for-the World, Director,
Centre of Research and Documentation of the Socio-Psychiatric Organization of the Canton of Ticino,
Cureglia, Switzerland)
Contemporary art and health promotion

Martin Roth (Director, Museum for Hygiene, Dresden, Germany)
Exhibitions as a tool for health promotion: Health Futures at EXPO 2000

K.D. Sharma (Deputy Director, Central Council for Research in Ayurveda and Siddha,
Ministry of Health, New Delhi, India) The classical literature of Ayurveda

12:30 - 14:00
14:00 - 15:30Lunch
Scientific Session

Gordon Shaw (Department of Physics and Astronomy, University of California Irvine, California, U.S.A.)
The Mozart effect: the impact of music on brain development

Eckart Altenmüller (Director, Institute of Music Physiology and Performing Arts Medicine,
Music Academy of Hannover, Germany)
Apollo's Curse: acquisition and loss of skilled movements in musicians

Ralph Spintge (Executive Director, International Society for Music in Medicine, Lüdenscheid, Germany)
Music therapy: the healing power of sound

Georg W. Kreutzberg (Martinsried, Germany) Chairman's remarks

15:30 - 16:00
16:00 - 17:30Break
Forum

Health and artistic genius

17:30

Closing of the day

10:00 - 12:00
14:00 - 16:00Gestalten als Prozess heilsamer Selbstentfaltung I
Gestalten als Prozess heilsamer Selbstentfaltung II

Bonatzsaal

Frau Elisabeth Wellendorf (Hannover) in Kooperation mit dem Forschungsinstitut für Künstlerische Therapien Hannover - Prof. em. Dr. med. **Peter Petersen**

Krankheit entsteht oft durch eine Disharmonie in unseren verschiedenen Bewusstseinssebenen. Oft streben wir danach, das durchzusetzen, was wir uns erdacht haben. Das macht Sinn, aber es ist nicht alles. In jedem Menschen steckt ein Potential tieferer Erfahrungen, die uns letztendlich leiten. Manchmal erscheinen sie uns wie eine Störung, wenn sie nicht in unser rationales Konzept passen. Sie können aber auch zum Motor kreativen Lebens werden, wenn sie zugelassen werden. Kreatives Tun vereint alle Bewusstseinssebenen miteinander. In diesem Sinne wirkt es heilsam.

Elisabeth Wellendorf, KJP, ATR, APR, Malerin, Psychotherapeutin in freier Praxis und Schriftstellerin. Gründerin und langjährige Leiterin des "Ausbildungs-Instituts für psychoanalytische Kunsttherapie" in Hannover, 8jährige Erfahrung als Kunsttherapeutin in der Psychiatrie, 12jährige Erfahrung in der Kinderklinik der Medizinischen Hochschule Hannover mit schwerstkranken Kindern und Jugendlichen im Transplantationsbereich.

11:00 - 12:30

"Klingende Lebenserzählungen"
oder von der Lust, alte Menschen musiktherapeutisch zu begleiten

Roter Saal

Prof. Dr. Klaus Leidecker, Darmstadt

Musiktherapie in der Altenarbeit ist eine besondere Form schöpferischen Handelns. Sie erfordert ein intuitives Handeln aus dem Moment, das genährt wird aus dem reichen Schatz von Vergangenheiten - nicht zuletzt im Blick auf eine Zukunft, die ein Abschiednehmen bedeutet. Für die Arbeit wird es fruchtbar, Altersdemenz oder -depression nicht als bloße Störungen zu begreifen, sondern auch als Haltungen, die Methode haben im Blick auf ein individuelles Menschenleben, das einem Abschluß entgegengeht, der vielleicht kompromißlos - aber niemals sinnentleert sein kann. Musiktherapie mit alten Menschen ist ein Abenteuer, das trotz professionellen Handelns auch Unbekannte übrigläßt. Dies gilt insbesondere dann, wenn wir körperliche, seelische, geistige und spirituelle Zugänge als ein Insgesamt menschlicher Existenz begreifen wollen. Lieder und Klänge erzählen - wenn sie denn wirklich angeschossen sind an das Erleben als Person - von diesem Leben selber. Sie bekommen ihr "spezifisches Gewicht", ihre Tiefe, ihren "Glanz" aus individuellen und gemeinsamen Lebens-Geschichten. Selbst erschaffener Ausdruck in Liedern, Texten, insbesondere aber in Klängen wird transparent auf den Ertrag eines in der Regel langen Lebens hin. Der Ausdruck dafür mag seltsam, unverständlich oder gar unerträglich für die Umgebung ausfallen, so ist er im Letzten doch die momentan stimmigste aller Strategien, diese Lebensphase zu bewältigen. Musik scheint ein geeigneter, ein sehr wandlungsfähiger Partner auf diesem Weg zu sein und braucht, damit ihre Kräfte genutzt werden können, ihrerseits den Begleiter, den Helfer mit menschlicher, psychosozialer und musiktherapeutischer Kompetenz. Nach einer Einführung werden geeignete schöpferische Handlungsformen thematisiert und - soweit möglich - erprobt.

Klaus Leidecker, Jg. 1953, Diplom-Musiktherapeut BVM, Musikpädagoge (Lehramt Gymnasium), Musikwissenschaftler (Dr. phil.); seit 1986 Professor für Musikpädagogik am Fachbereich Sozialpädagogik der Staatl. Fachhochschule Darmstadt; Arbeitsschwerpunkte: Elementare Musikpädagogik, Musiktherapie in sozialpädagogischen Arbeitsfeldern (insbes. Altenarbeit), Rezeptive Musiktherapie, Akustische Ökologie, Musik und Spiritualität, Schöpferische Ent-Spannung.

14:00 - 17:00

"Hier spielt die Musik" - Einblicke in die Musiktherapie

Roter Saal

Prof. Dr. Dagmar Gustorff (Witten-Herdecke) in Kooperation mit dem Forschungsinstitut für Künstlerische Therapien Hannover - Prof. em. Dr. med. **Peter Petersen**

Die TeilnehmerInnen des Workshops werden die Musiktherapie an Hand von Audio- und Videobeispielen aus der therapeutischen Praxis und durch eigene spielerische Erfahrungen kennenlernen. Therapiegeschichten aus verschiedenen klinischen Bereichen in der Kinderheilkunde, Neurologie und Intensivmedizin werden die Möglichkeiten der Musiktherapie verdeutlichen.

Frau Prof. Dr. rer. med. **Dagmar Gustorff** ist Direktorin des Institutes für Musiktherapie der Universität Witten-Herdecke.

17:30

Closing of the day

Friday, 28 July 2000

Reproductive Health

08:30
09:00 - 10:30Opening of the Congress Site
Scientific Session

Jochen H.H. Ehrich (Director, Department of Paediatrics, Paediatric Nephrology and Metabolic Diseases, Hannover Medical School, Germany) Welcome address on behalf of the organizers
 Chair: **Robert G. Edwards** (Editor, Human Reproduction Journals, Cambridge, United Kingdom)
Nafis Sadik (Executive Director, United Nations Population Fund-UNPFA, Under-Secretary-General of the United Nations, New York, U.S.A.)
 Women's rights, male involvement, gender perspective and informed choice
Jay Satia (Executive Director, International Council on Management of Population Programmes, Kuala Lumpur, Malaysia)
 Promoting informed choice in family planning and ensuring access to appropriate services
Catherine d'Arcangues (Department of Reproductive Health and Research, World Health Organization, Geneva, Switzerland)
 Family planning needs: new opportunities, emergency contraception and other new technologies

10:30 - 11:00
11:00 - 12:30Break
Scientific Session

Marylin Rice (Department of Reproductive Health and Research, World Health Organization, Geneva, Switzerland)
 Adolescent sexual and reproductive health
Sunanda Ray (Harare, Zimbabwe)
 Dual protection for sexual health in the new millennium
Klaus Diedrich (Director, Department of Gynaecology and Obstetrics, University of Lübeck, Germany)
 Assisted reproduction

12:30 - 14:00
14:00 - 15:30Lunch
Scientific Session

Eberhard Nieschlag (Director, Institute of Reproduction Medicine, WHO Collaborating Centre for Human Fertility Research, University of Münster, Germany)
 Hormonal male contraception: current status and future developments
Carla Lidia Abou-Zahr (Department of Reproductive Health and Research, World Health Organization, Geneva, Switzerland)
 Promotion of maternal health and reduction of maternal mortality
Vinod Kumar Paul (Division of Neonatology, Department of Paediatrics, All India Institute of Medical Sciences, WHO Collaborating Centre for Training and Research in Newborn Care, New Delhi, India)
 Key issues in promoting newborn health
Robert G. Edwards (Cambridge, United Kingdom) Chairman's remarks

15:30 - 16:00
16:00 - 17:30Break
Forum

Reproductive health and global development

17:30

Closing of the day

The Health of Children and Youth

08:30

09:00 - 10:30

Opening of the Congress Site
Scientific Session

- Jochen H.H. Ehrich** (Director, Department of Paediatrics, Paediatric Nephrology and Metabolic Diseases, Hannover Medical School, Germany) Welcome address on behalf of the organizers
 Chair: **Robert J. Haggerty** (Executive Director, International Paediatric Association, Department of Paediatrics, University of Rochester School of Medicine and Dentistry, Rochester, New York, U.S.A.)
Robert J. Haggerty (Rochester, New York, U.S.A.)
 A healthy start: life skill education, health promoting school, healthy family
David J.P. Barker (Environmental Epidemiology Unit, Medical Research Council, University of Southampton, United Kingdom)
 Requirements for human growth and development
Michael B. Ranke (Head, Section of Paediatric Endocrinology, Department of Paediatrics, University of Tübingen, Germany)
 Recent advances in the treatment of pathological growth and development

10:30 - 11:00

11:00 - 12:30

Break
Scientific Session

- Jane Green Schaller** (President-elect, International Paediatric Association, David and Leone Karp Professor of Paediatrics, Tufts University School of Medicine, Adjunct Professor of International Diplomacy, Fletcher School of Law and Diplomacy, Tufts University, Boston, Massachusetts, U.S.A.)
 Disasters for children: war, violence, and the many forms of child abuse
Jennifer Whitman Bryce (Division of Child and Adolescent Health and Development, World Health Organization, Geneva, Switzerland) The burden of childhood and adolescent disease in developing countries
Sir Michael Rutter (Professor of Developmental Psychopathology, Former Director, Social, Genetic and Developmental Research Centre, Institute of Psychiatry, King's College, London, United Kingdom)
 Resilience in the face of adversity

12:30 - 14:00

14:00 - 15:30

Lunch
Scientific Session

- Hubertus von Voß** (Director, Institute for Social Paediatrics and Youth Medicine, Ludwig Maximilians University of Munich, Germany)
 Support for children with mental, motor, hearing or visual disabilities
Armido Rubino (Director, Department of Paediatrics, University Federico II, Naples, Italy)
 Primary paediatric care and education of children's doctors
Martin Weber (Department of Child and Adolescent Health and Development, World Health Organization, Geneva, Switzerland)
 Integrated management of childhood illnesses
Robert J. Haggerty (Rochester, New York, U.S.A.) Chairman's remarks

15:30 - 16:00

16:00 - 17:30

Break
Forum

- Healthy and sick children: investing in our future
 Special Guest: **Ignacio Villa-Elizaga** (Director, Department of Paediatrics, University Complutense Madrid, Spain)

17:30

Closing of the day

Sunday, 30 July 2000

Gender, Health and Society

08:30
09:00 - 10:30Opening of the Congress Site
Scientific Session

Brigitte Lohff (Director, Institute of History, Theory Research and Ethics in Medicine, Hannover Medical School, Germany) Welcome address on behalf of the organizers

Chair: **Pnina Herzog** (President, International Council of Women, Jerusalem, Israel)

Lesley Doyal (Professor of Health and Social Care, School for Policies Studies, University of Bristol, United Kingdom)
Gender and health equity: what makes women sick?

Yut-Lin Wong (Senior Lecturer, Health Research Development Unit, Faculty of Medicine, University of Malaysia, Kuala Lumpur, Malaysia)
Gender bias: how has it shaped education and training?

10:30 - 11:00
11:00 - 12:30Break
Scientific Session

Sandra Kabir (Director, Overseas Department, Population Concern, London, United Kingdom)
Challenging the gender bias: Bangladesh

Irma Saucedo González (Interdisciplinary Programme for Studies of the Woman, Colegio de México, Mexico)
Challenging the gender bias: Latin America

Rita Giacaman (Institute of Community and Public Health, Birzeit University, West Bank)
Community-based programmes

12:30 - 14:00
14:00 - 15:30Lunch
Scientific Session

Don Sabo (Professor of Sociology, Health Sciences, D'Youville College, Buffalo, N.Y., U.S.A.)
Men, gender and health

Edinilsa Ramos de Souza (Latin American Center for Research on Violence and Health Jorge Careli, Oswaldo Cruz Foundation, Rio de Janeiro, Brazil)
Violence against women as a subject of public health

Pnina Herzog (Jerusalem, Israel)
The gender perspective and health

Pnina Herzog (Jerusalem, Israel) Chairwoman's remarks

15:30 - 16:00
16:00 - 17:30Break
Forum

Gender: greater risk for men or women?
Moderation: **Inge von Bönninghausen**

17:30

Closing of the day

18:00 - 20:00 Gesundheitsforum: **Macht Frau-Sein krank?** Siehe Seite 66

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 Inhaltsstoffe. **Anwen-**
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 Todesfällen wurden in
 zelfällen im zeitlichen



Bereits 7 Mio. Patienten weltweit



ammenhang gemeldet, meistens bei Patienten mit vorbestehenden kardiovaskulären Risikofaktoren, oft während oder kurz nach dem Geschlechtsverkehr. Beurteilung, ob diese Ereignisse in direktem
 ammenhang mit VIAGRA standen, waren nicht möglich. Bei Herzschmerzen während oder nach dem Geschlechtsverkehr keine Nitrate anwenden. Nebenwirkungen meist leichter bis mäßiger Natur,
 ahme von Inzidenz und Schweregrad mit steigender Dosis. **Wirkungsweise:** Die im Gefolge sexueller Stimulation durch Sildenafil erfolgende Steigerung des Bluteinstroms in den Penis stellt die Erektions-
 gkeit wieder her. **Dosierung:** 50 mg, etwa 1 Stunde vor dem Geschlechtsverkehr einnehmen. Entsprechend Wirksamkeit und Verträglichkeit Dosisanpassung auf 100 mg oder 25 mg möglich. Bei
 ren Patienten Anfangsdosis 25 mg. Bei Leberinsuffizienz, schwerer Niereninsuffizienz oder gleichzeitiger Gabe von CYP-3A4-Hemmstoffen (zu Ritonavir s. u. Wechselwirkungen) Anfangsdosis 25 mg
 egen, wirksamkeits-/verträglichkeitsabhängig auf 50 mg, evtl. 100 mg steigern. Einnahme nicht häufiger als einmal täglich. Maximaldosis 100 mg. **Wechselwirkungen:** Der blutdrucksenkende Effekt
 Nitraten und NO-Donatoren wird verstärkt, daher gleichzeitige Gabe kontraindiziert. Gleichzeitige Gabe mit CYP-3A4-Inhibitoren (wie Cimetidin, Erythromycin, Ketoconazol, Saquinavir) erhöht Sildenafil-
 position, deshalb Anfangsdosis 25 mg erwägen. Gleichzeitige Gabe mit Ritonavir nicht empfohlen, bei dieser Kombination in jedem Fall maximale Dosis 25 mg in 48 Stunden, da Ritonavir eine 4-fache
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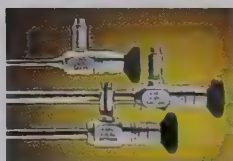


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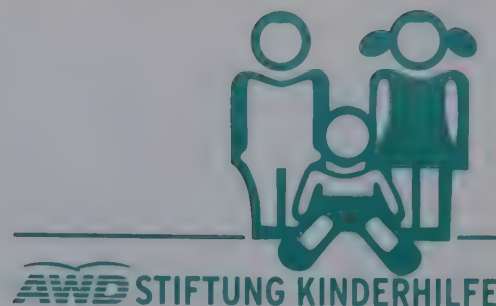
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Rendsburger Str. 34, 30659 Hannover, Germany

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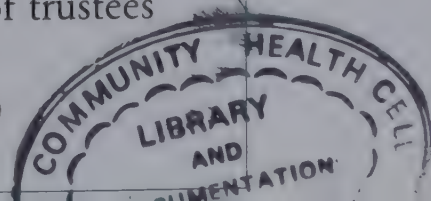
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08:30

09:00 - 10:30

Opening of the Congress Site
Scientific Session**Carl-Joachim Wirth** (Director, Department of Orthopaedics, Hannover Medical School, Germany)
Welcome address on behalf of the organizers**Chair: Wildor Hollmann** (Honorary President, International Sports Medicine Federation - FIMS, Director, Institute of Cardiology and Sports Medicine, German Sport University, Cologne, Germany)**William L. Haskell** (Professor of Medicine, Stanford Center for Research in Disease Prevention and the Division of Cardiovascular Medicine, Stanford University, Palo Alto, California, U.S.A.)
Sport, exercise and health: toward the next century**Robert E. Leach** (Editor, The American Journal of Sports Medicine, Waltham, MA, U.S.A.)
Physical activity and its effect on the ageing process**Bengt Saltin** (Director, The Copenhagen Muscle Research Center, Rigshospitalet Copenhagen, Denmark)
Sport and muscles in prevention of disease

10:30 - 11:00

11:00 - 12:30

Break

Scientific Session

Wildor Hollmann (Cologne, Germany)

Brain, psyche and physical activity

Elizabeth Darlison (Executive Director, "Women Sport International", Australia)

Women and sports

Ejnar Eriksson (Professor of Sports Medicine, Karolinska Institute, Stockholm, Sweden)

Prevention of injuries in sports: a realistic goal?

12:30 - 14:00

14:00 - 15:30

Lunch

Scientific Session

Timothy D. Noakes (Director, Bioenergetics of Exercise Unit, Medical Research Council, University of Cape Town, Republic of South Africa)

Improving athletic performance or promoting health through physical activity

Per A.F.H. Renström (Section of Sports Medicine, Department of Orthopaedics, Karolinska Hospital, Stockholm, Sweden)

Risk factors in recreational sports: early and late sequelae

Robert D. Steadward (President, International Paralympic Committee, Director, Rick Hansen Centre, Faculty of Physical Education, University of Alberta, Edmonton, Alberta, Canada)

The role of sports for people with disabilities

Wildor Hollmann (Cologne, Germany) Chairman's remarks

15:30 - 16:00

16:00 - 17:30

Break

Forum

Glory at what price?

Moderation: **Ejnar Eriksson** (Stockholm, Sweden)

17:30

Closing of the day

10:00

Italian Panel

EXPO 2000 Italian Pavillion

Alessandro Biffi, Antonio Pelliccia, Giorgio Santilli. (Institute of Sport Science, Italian National Olympic Committee, Rome, Italy)

Sudden cardiac death prevention strategy in athletes: the Italian Experience (poster presentation)

Tuesday, 1 August 2000

Disability and Rehabilitation

06:30
09:00 - 10:30Opening of the Congress Site
Scientific Session

Axel Gehrke (Director, Department of Rehabilitation and Physical Medicine, Hannover Medical School, Germany)
Welcome address on behalf of the organizers

Chair: **John L. Melvin** (President, International Society of Physical and Rehabilitation Medicine, Jessie B. Michie Professor and Chairman, Department of Rehabilitation Medicine, Thomas Jefferson University, Philadelphia, PA, U.S.A.)

Karsten E. Dreinhöfer (Director of Development, Bone and Joint Decade 2000-2010 Steering Group, Department of Orthopaedics, University of Ulm, Germany)
Prevention, treatment and rehabilitation of muscular and skeletal disorders: the Bone and Joint Decade

Alice B. Nganwa (Project Coordinator, Rehabilitation Section, Ministry of Health, Uganda)
Community-based rehabilitation

Juhani Wikström (Chief Physician, State Treasury, Rehabilitation Coordination, Helsinki, Finland)
Community-based, comprehensive and client-orientated rehabilitation in developed countries: an evidence-based model

10:30 - 11:00
11:00 - 12:30Break
Scientific Session

John L. Melvin (Philadelphia, U.S.A.)
Assessment of rehabilitation outcome

Lena Saleh (Director, Special Needs Education, United Nations Educational, Scientific and Cultural Organization, Paris, France)
Rehabilitation and inclusive education

Christian Bühler (Director, Research Institute on Assistive Technology, Wetter, Germany)
A suitable social and technical environment for people with disabilities

12:30 - 14:00
14:00 - 15:30Lunch
Scientific Session

Alberto Hidalgo de Caviades (University of Alcalá de Henares, Madrid, Spain)
Needs of rehabilitation and labour market in the 21st century

Haim Ring (Loewenstein Hospital Rehabilitation Center, Raanana, Israel)
Rehabilitation outcome of stroke in-patients: effectiveness, efficiency and efficacy

Lindsay McLellan (Head, Rehabilitation Research Unit, Europe Chair of Rehabilitation, University of Southampton, United Kingdom)
Future directions in rehabilitation research and decision-making in rehabilitation

John L. Melvin (Philadelphia, U.S.A.) Chairman's remarks

15:30 - 16:00
16:00 - 17:30Break
Forum

The other end of medicine: equity in the face of disability

Moderation: **Heyo Eckel** (President, Physicians' Chamber of Lower Saxony, Hannover, Germany)

17:30

Closing of the day

18:30

Italian Panel

EXPO 2000 Italian Pavillion

R. Formisano, Y. Weckel, M. Matteis, S. Brunelli, V. Vinicola, F. Spanedda.
Music therapy in the rehabilitation of the comatose and post-comatose patient.
(oral presentation with audio video recordings)

08:30
09:00 - 10:30

Opening of the Congress Site
Scientific Session

Eberhard Greiser (Director, Bremen Institute for Prevention Research and Social Medicine, Bremen, Germany)
Welcome address on behalf of the organizers

Chair: **Klaus Töpfer** (Executive Director, United Nations Environment Programme, Nairobi, Kenya),
Eberhard Greiser (Bremen, Germany)

Klaus Töpfer (Nairobi, Kenya)

International environmental politics and health

Thomas J. Mason (Chairperson, Department of Epidemiology and Biostatistics,
College of Public Health, University of South Florida, Tampa, Florida, U.S.A.)

Epidemiology as basic science to detect environmental health risks

Timo Hakulinen (Finnish Cancer Registry,

Institute for Statistical and Epidemiological Cancer Research, Helsinki, Finland)

Cancer registries as tool to investigate environmental health risks

10:30 - 11:00
11:00 - 12:30

Break
Scientific Session

Chair: **Timo Hakulinen** (Helsinki, Finland), **Thomas J. Mason** (Tampa, Florida, U.S.A.)

Jean-François Viel (Director, Unit of Biostatistics and Epidemiology, Department of Public Health,
Faculty of Medicine, University of Besançon, France)

Radiation from nuclear establishments as health risk

Theodor Abelin (Director, Institute for Preventive and Social Medicine, University of Bern, Switzerland)

Establishing magnetic fields as health risks for humans and animals

Paolo Vineis (Department of Biomedical Sciences and Oncology, University of Torino, Italy)

The workplace environment as health risk

12:30 - 14:00
14:00 - 15:30

Lunch
Scientific Session

Chair: **Heinz Erich Wichmann** (Director, Institute of Epidemiology,
GSF-National Research Centre for Environment and Health, Neuherberg/Munich, Germany),

Theodor Abelin (Bern, Switzerland)

Frank Murray (Environmental Science Department, Murdoch University, Murdoch, Australia)

Air pollution and respiratory disease

Heinz Erich Wichmann (Neuherberg/Munich, Germany) Allergies and environment

Paul Epstein (Centre for Health and the Global Environment,
Harvard Medical School, Boston, Massachusetts, U.S.A.)

Ecosystem disruption and health

Klaus Töpfer (Nairobi, Kenya) Chairman's remarks

15:30 - 16:00
16:00 - 17:30

Break
Forum

Prevention of environmental health risks: advocating for a lovable world

17:30

Closing of the day

Wednesday, 2 August 2000

Medical Rehabilitation in Germany: Experience and Development

08:30
09:00 - 10:30Opening of the Congress Site
Scientific Session

Chair: **Ferdinand Schliehe** (Head, Scientific Department for Rehabilitation Research, Federation of German Pension Insurance Institutes - VDR, Frankfurt/Main, Germany)

Eberhard V. Grosch (Regional Pension Insurance Institute Hannover, Germany)
Rehabilitation and self-rehabilitation: the right choice for chronic illness

Werner Müller-Fahrnow (Humboldt University Berlin, Germany)
Rehabilitation: a special but indispensable key element of the German health care system

Christiane Korsukéwitz (Federal Insurance Institute for Salaried Employees, Berlin, Germany)
Rehabilitation meets the individual: a cooperative effort for a successful rehabilitation process

10:30 - 11:00
11:00 - 12:30Break
Scientific Session

Hermann Faller (Institute of Psychotherapy and Medical Psychology, University of Würzburg, Germany)
Patient education: concept and evaluation

Uwe Koch (University Hospital Hamburg-Eppendorf, Germany)
Evidence-based rehabilitation? Trends in rehabilitation research

Wilfried Jäckel (Institute for Rehabilitation Research, Bad Säckingen, Germany)
Identifying bad apples or striving for excellence? Quality management in rehabilitation

12:30 - 14:00
14:00 - 15:30Lunch
Scientific Session

Paul W. Schönle (Lurija Institute for Rehabilitation and Health Sciences at the University of Konstanz, Kliniken Schmieder, Allensbach, Germany)
Neurological rehabilitation in Germany: a centennial perspective

Bernhard Greitemann (Clinic Münsterland, Rehabilitation Centre of LVA Westfalen, Bad Rothenfelde, Germany)
Back to life: rehabilitation of amputated patients

Friedhelm Lamprécht (Department of Psychosomatic Medicine and Psychotherapy, Hannover Medical School, Germany)
Psychosomatic rehabilitation: a "must" in secondary health care

Ferdinand Schliehe (Frankfurt/Main, Germany) Chairman's remarks

15:30 - 16:00
16:00 - 17:30Break
Forum

Who benefits from rehabilitation?

17:30

Closing of the day

For the special Bonus Program with visits to German Rehabilitation Centres on 3 August see page 69

Chronic Inflammatory Diseases and Autoimmunity

08:30

Opening of the Congress Site
Scientific Session

09:00 - 10:30

Reinhold E. Schmidt (Director, Department of Clinical Immunology, Hannover Medical School)
Welcome address on behalf of the organizersChair: **Hugh O. McDevitt** (Director, Department of Microbiology and Immunology,
Stanford University School of Medicine, Stanford, California, U.S.A.)**Matthew H. Liang** (Department of Medicine, Division of Rheumatology, Immunology and Allergy, Harvard
Medical School, Boston, Massachusetts, U.S.A.)
Global burden, social and economic impacts**William E. Paul** (Director, Laboratory of Immunology, National Institute of Allergy and Infectious Diseases,
National Institutes of Health, Bethesda, Maryland, U.S.A.)
Cytokines: molecular regulators of immunity

10:30 - 11:00

11:00 - 12:30

Break
Scientific Session**Ravinder N. Maini** (Director, The Mathilda and Terrence Kennedy
Institute of Rheumatology, London, United Kingdom)
Rheumatoid arthritis: a paradigm of inflammatory disease**Jørn Nerup** (Steno Diabetes Center, Gentofte, Denmark)
Juvenile diabetes mellitus**Josef S. Smolen** (Director, Department of Internal Medicine III, University of Vienna, Austria)
Lupus erythematosus and vasculitides

12:30 - 14:00

14:00 - 15:30

Lunch
Scientific Session**Rudolf Martin** (Director, Neuroimmunology Branch, National Institute of Neurological Disorders and Stroke,
National Institute of Health, Bethesda, Maryland, U.S.A.) Multiple Sclerosis**Edward K. Wakeland** (Director, Center for Immunology, UT Southwestern Medical Center, Dallas, Texas, U.S.A.)
Lessons from genes and animal models for autoimmune diseases**Joachim R. Kalden** (Director, Department of Medicine III, University of Erlangen-Nürnberg, Germany)
Development of new therapeutic approaches**Hugh O. McDevitt** (Stanford, California, U.S.A.) Chairman's remarks

15:30 - 16:00

16:00 - 17:30

Break
Forum

Help for patients: alliance of professionals and laity

17:30

Closing of the day

Blauer Saal

Tuesday, 8 August 2000

Adnagen-Mini-Symposium Environmental Health
How efficient could the human body deal with xenobiotics?

15:00 - 18:00

Symposium

Chair: Dr. **Eckart Schnakenberg** (R&D Adnagen GmbH, Hannover)**Dr. Stück** (Vizepräsident des ISDE Mitglied des Sachverständigenrates des Bundesgesundheitsministeriums:
Methoden und Qualitätssicherung der Umweltmedizin, Koblenz)
The evidence of genetic polymorphism in environmental health**Dr. Müller** (Dermatologie & Allergologie, Isny)
Reduction of dopaminergic D₂-receptors by chronic exposure to xenobiotics and polymorphism
of glutathion-S-transferases**Dr. Runow** (IFU, Bad Emstal) Clinical relevance analyzing genetic polymorphisms
of enzymes of the detoxification system

Friday, 4 August 2000000

Emerging and Re-emerging Infectious Diseases

08.10.
09:00 - 10:30Opening of the Congress Site
Scientific Session**Reinhold E. Schmidt** (Director, Department of Clinical Immunology, Hannover Medical School)
Welcome address on behalf of the organizersChair: **Joshua Lederberg** (Nobel Laureate for Medicine 1958; Raymond and Beverly Sackler Foundation Scholar,
The Rockefeller University, New York, U.S.A.)**Joshua Lederberg** (New York, U.S.A.)

What has happened during the last decade and what should happen now?

Allan Lopez (Evidence for Health Policy, World Health Organization, Geneva, Switzerland)

Global burden of infectious diseases

David L. Heymann (Executive Director, Communicable Diseases Cluster,
World Health Organization, Geneva, Switzerland)

The tools for epidemiology of infectious diseases: continuous surveillance and rapid response to outbreaks

10:30 - 11:00
11:00 - 12:30Break
Scientific Session**José Rodrigues Coura** (Director, Institute Oswaldo Cruz, Rio de Janeiro, Brazil)
Tropical infectious diseases**Jörg Hacker** (Director, Institute for Molecular Biology of Infectious Diseases,
University of Würzburg, Germany) Cross talk between microorganisms and host cells**Peter C. Doherty** (Nobel Laureate for Medicine 1996; Department of Immunology,
St. Jude Children's Research Hospital, Memphis, Tennessee, U.S.A.)

Weak points of host defense against microbial invasion

12:30 - 14:00
14:00 - 15:30Lunch
Scientific Session**Fernando Baquero Mochales** (Director, Department of Microbiology, Ramon y Cajal Hospital, Madrid, Spain)
Antibiotic resistance: the global situation**Rosamund Williams** (Team Coordinator, Anti-infective Drug Resistance Surveillance and Containment,
Department of Communicable Diseases, WHO, Geneva, Switzerland)

International monitoring of antimicrobial resistance

Jean-Claude Pechère (Director, Department of Genetics and Microbiology, University of Geneva, Switzerland)

Prevention strategies of antimicrobial resistance: decrease of selective pressure and of transmission

Joshua Lederberg (New York, U.S.A.) Chairman's remarks15:30 - 16:00
16:00 - 17:30Break
Forum

The end of antibiotics or "light in the dark"? Use and misuse of antibiotics

17:30

Closing of the day

18:00 - 20:00

Gesundheitsforum: Sommer, Sonne, Salmonellen - Siehe Seite 66

Emerging and Re-emerging Infectious Diseases

08:30
09:00 - 10:30Opening of the Congress Site
Scientific Session

- Michael Peter Manns** (Director, Department of Gastroenterology and Hepatology, Hannover Medical School, Germany) Welcome address on behalf of the organizers
 Chair: **Sir Gustav Nossal** (Global Programme on Vaccines of the WHO, The Walter and Eliza Hall Institute of Medicine Research, Royal Melbourne Hospital, Melbourne, Australia)
Robert C. Gallo (Director, Institute of Human Virology, University of Maryland Biotechnology Center, Baltimore, Maryland, U.S.A.)
 HIV: evolution, epidemiology, variability, therapy, natural resistance, prevention, vaccination
M.J. Colston (Head, Division of Mycobacterial Research, National Institute for Medical Research, London, United Kingdom) Tuberculosis
Barry J. Marshall (Director, NHMRC H. Pylori Research Laboratory, Queen Elizabeth II Medical Centre, The University of Western Australia, Nedlands, Australia)
 Helicobacter pylori: current status and future directions for the world's most common chronic infection

10:30 - 11:00
11:00 - 12:30Break
Scientific Session

- Michael Houghton** (Director, Hepatitis C Research, Chiron Corporation, Emeryville, California, U.S.A.)
 Hepatitis C
Robert G. Webster (Director, World Health Organization Collaborating Center for Studies on the Ecology of Influenza in Animals and Birds, Rose Marie Thomas Chair, Department of Virology and Molecular Biology, St. Jude Children's Research Hospital, Memphis, Tennessee, U.S.A.) Influenza
Thomas E. Wellems (Head, Malaria Genetics Section, Laboratory of Parasitic Diseases, National Institute of Allergy and Infectious Diseases, National Institutes of Health, Bethesda, Maryland, U.S.A.) Malaria

12:30 - 14:00
14:00 - 15:30Lunch
Scientific Session

- Helge Karch** (Institute of Hygiene and Microbiology, University of Würzburg, Germany)
 Enterohemorrhagic E. coli (EHEC)
Harald zur Hausen (Chairman of the Board, German Cancer Research Centre, Heidelberg, Germany)
 Cancer and infectious disease
Sir Gustav Nossal (Melbourne, Australia)
 Vaccination current state and future
Sir Gustav Nossal (Melbourne, Australia) Chairman's remarks

15:30 - 16:00
16:00 - 17:30Break
Forum

Fight against HIV: prevention and therapy

17:30

Closing of the day

15:00

Italian Panel

EXPO 2000 Italian Pavillion

Giuseppe Visco (Chairman) Italian contribution to the therapy
 of viral hepatitis, cirrhosis, and liver cancer (panel discussion)

Saturday, 5 August 2000

Transplantation in Plastic Surgery

08:30 - 09:00

Opening of the Congress Site
Scientific Session

Alfred C. Berger (Director, Department of Plastic, Hand and Reconstructive Surgery, Burn Centre, Hannover Medical School, Germany) Welcome address

Chair: **John F. Burke** (Chief Emeritus, Trauma Services, Massachusetts General Hospital, Boston, Massachusetts, U.S.A.)

Jeffrey R. Morgan (Harvard Medical School, Shriners Burns Hospital Research Center, Cambridge, Massachusetts, U.S.A.)
Tissue engineering: from discovery to patient care

Yong-Dong Gu (Director, Institute for Hand Surgery, Hua Shan Hospital, Shanghai Medical University, Shanghai, People's Republic of China),

Alfred C. Berger (Hannover, Germany)
The bioartificial living nerve graft

10:30 - 11:00
11:00 - 12:30Break
Scientific Session

Jacques Baudet (Director, Department of Plastic Surgery, University Hospital Tondu, Bordeaux, France)
Clinical practice of tissue transplantation: state of the art

Sirpa Asko-Seljavaara (Director, Department of Plastic Surgery, Töölö Hospital, Helsinki, Finland)
Autologous replantation surgery

12:30 - 14:00
14:00 - 15:30Lunch
Scientific Session

Hans Thomas (Lindenthal Institute, Cologne, Germany)

Ethical aspects of autologous and allogenic tissue transplantation in plastic and reconstructive surgery

Warren C. Breidenbach (Kleinert, Kutz and Associates Hand Care Center, Louisville, Kentucky, U.S.A.)
Allogenic hand transplantation

Alfred C. Berger (Hannover, Germany) Closing remarks

15:30

Closing of the day

Transplantation Frontiers and Frontier Crossing

08:30
09:00 - 10:00Opening of the Congress Site
Scientific Session

Axel Haverich (Director, Department of Cardiothoracic Surgery, Hannover Medical School, Germany)
Welcome address on behalf of the organizers

Chair: **Sir Roy Calne** (Yeoh Ghim Seng Professor of Surgery, Department of Surgery, Addenbrooke's Hospital, University of Cambridge, United Kingdom)

Gilbert Thiel (Division of Nephrology, University of Basel, Switzerland) Source of replacement organs

Stellan Welin (Director, Center for Research Ethics, University of Gothenburg, Sweden)
Organ allocation and exchange

10:00 - 10:30
10:30 - 11:30Break
Scientific Session

Sir Roy Calne (Cambridge, United Kingdom) Prope or almost tolerance in the Clinic

Gerhard Opelz (Director, Department of Transplantation Immunology, Institute of Immunology, University of Heidelberg, Germany) Late outcome

11:30 - 12:00
12:00 - 14:00Break
Lunch Symposium I: Transplantation medicine - cost effective or waste of resources

Moderation: **Axel Haverich** (Hannover, Germany)

Christine Lüer (Hannover, Germany) View of a health care provider

Rudolf Speich (Zurich, Switzerland) Pharmaco-economics in clinical practice: CMV prevention in lung transplantation

Ajoa Frimpong-Boateng (Accra, Ghana) Transplantation and costs: the African view

Eckhard Nagel (Hannover, Germany) Socio-economic importance of organ transplantation

12:00 - 14:00

Lunch Symposium II: Transplantation - aus der Sicht des Patienten

Moderation: **Jürgen Klempnauer** (Director, Department of Visceral and Transplantation-Surgery, Hannover Medical School, Germany)

Christian Erck (Braunschweig) Leben mit der Dialyse

Maria Heider (Sachsenheim) Mein Leben nach der Nierenspende

Michael Hohmeyer (Kiel) Das Warten auf ein Organ

Heide Hollmer (Kiel) Leben mit dem neuen Organ

14:00 - 16:00

Scientific Session

Michael de Baakey (Houston, Texas, U.S.A.)

History and development of artificial organs

David H. Sachs (Paul S. Russell/Warner-Lambert Professor of Surgery, Transplantation Biology Research Center, Harvard Medical School, Boston, Massachusetts, U.S.A.)

Induction of tolerance and xenotransplantation

Davor Solter (Director, Department of Developmental Biology, Max Planck Institute for Immunobiology, Freiburg, Germany)

Design and cloning of cells for transplantation

Axel Haverich (Hannover, Germany) Bioartificial organs

Sir Roy Calne (Cambridge, United Kingdom) Chairman's remarks

16:00 - 16:15
16:15 - 17:30Break
Forum

Transcultural aspects and international law in organ transplantation

17:30

Closing of the day

18:00 - 20:00

Gesundheitsforum: Rent-a-Kidney Siehe Seite 66

Sunday, 6 August 2000

Viral Hepatitis - A Worldwide Health Burden: From Virus Discovery to Prophylaxis and Treatment

13:00 - 16:15

Scientific Session

Chair: **Michael P. Manns** (Hannover Medical School, Germany)

Michael P. Manns (Hannover Medical School, Germany) Welcome address

Stephen M. Feinstone (CBER/FDA, Bethesda, Maryland, U.S.A.)

Hepatitis A: From virus discovery to growth in culture and vaccination

Pierre Tiollais (Institute Pasteur, Paris, France.)

The early application of recombinant DNA technology to hepatitis B virus

Michael Houghton (Chiron Corporation, Emeryville, California, U.S.A.)

Hepatitis C virus: From virus discovery to prophylactic and therapeutic vaccines

Mario Rizzetto (Ospedale Molinette, Torino, Italy)

Hepatitis D: A unique viroid with significant health problems

Mikhail S. Balayan (Russian Academy of Medical Science, Moscow, Russian Federation)

Hepatitis E: Old dogmas and new concepts

(Simultanübersetzung ins Deutsche)

16:15 - 18:30

Arzt-Patientenseminar Neue Entwicklungen zur Behandlung und Erforschung der Virushepatitiden

Vorsitz: Prof. **Michael P. Manns** (Hannover)

Begrüßung

Prof. **Alfred Nassauer** (Berlin) Epidemiologie und Prävention

Prof. **Michael Roggendorf** (Essen) Diagnostik der Virushepatitiden

Prof. **Claus Niederau** (Oberhausen) Neue Wege zur Behandlung der Hepatitis B

Prof. **Michael P. Manns** (Hannover) Konzepte zur Behandlung der Hepatitis C

Podiumsdiskussion mit Referenten, Selbsthilfe-Gruppen, Teilnehmern: Patienten fragen - Ärzte antworten
In Zusammenarbeit mit der Deutschen Leberhilfe e. V.

08:30
09:00 - 10:30Opening of the Congress Site
Scientific Session**Jörg Schmidtke** (Director, Institute of Human Genetics, Hannover Medical School, Germany) Welcome address on behalf of the organizersChair: **Bob Williamson** (Director, The Murdoch Institute, Royal Children's Hospital, Melbourne, Australia)**Jean Weissenbach** (General Director, Genoscope, Centre National de Séquençage, Evry, France)
The Human Genome Project: technology**Felix Mitelman** (Director, Department of Clinical Genetics, University of Lund, Sweden)
The genetics of cancer10:30 - 11:00
11:00 - 12:30Break
Scientific Session**Mohsen A.F. El-Hazmi** (Director, Department of Medical Biochemistry, WHO Collaborating Centre, College of Medicine and King Khalid University Hospital, Riyadh, Saudi Arabia) Complex hereditary diseases**Jonathan K.C. Knowles** (President, Global Pharma Research, Member of the Executive Committee, Hoffmann- La Roche Ltd, Basel, Switzerland)

Science and the future of medicine: lessons from the genetics

Bob Williamson (Melbourne, Australia) Gene therapy12:30 - 14:00
14:00 - 15:30Lunch
Scientific Session**Ishwar C. Verma** (Head, Department of Medical Genetics, Sir Ganga Ram Hospital, New Delhi, India)
Genetic counseling and predictive genetics**Philippus Abraham Venter** (Head, Department of Medical Sciences, University of the North, Pietersburg, South Africa) Genetic services in rural and underdeveloped communities**Victor B. Penchaszadeh** (Chief, Division of Medical Genetics, Department of Pediatrics, Albert Einstein College of Medicine, New York, NY, U.S.A.) Population screening and consumer empowerment**Bob Williamson** (Melbourne, Australia) Chairman's remarks15:30 - 16:00
16:00 - 17:30Break
Forum

Investing in genes

17:30

Closing of the day

18:00 - 20:00 Gesundheitsforum: Dem Schöpfer ins Handwerk gepfuscht? Siehe Seite 66

Blauer Saal

Tuesday, 8 August 2000

Adnagen-Mini-Symposium The New Genetics:
Approaches in Oncology - Prenatal Diagnostics and Osteoporosis

15:00 - 18:00

Symposium

Chair: Dr. **Alf-Andreas Krehan** und Dr. **Lutz Wehmeyer** (R&D Adnagen GmbH, Hannover)Dr. **Drechsler** (Bundeswehr-Krankenhaus, Hamburg) Early detection of metastatic spread of cancerDr. **Pruggmayer** (Humangenetik, Peine) Molecular diagnostics: new approaches for the new millenniumDr. **Müller** (Labor Dres. Fenner, Hamburg)Genetics of osteoporosis, vitamine D-receptor, gene polymorphism:
a new diagnostic tool for prediction, prevention and treatment

Wednesday, 9 August 2000

Oral Health

08:30
09:00 - 10:30Opening of the Congress Site
Scientific Session

Werner Geurtsen (Director, Department of Conservative Dentistry and Periodontology, Hannover Medical School, Germany) Welcome address on behalf of the organizers
 Chair: **Carlos Wagner de Araujo Werner** (Lins Dental School, Methodist University of Piracicaba, Lins-São Paulo, Brazil)
Carlos Wagner de Araujo Werner (Lins-São Paulo, Brazil) Epidemiology of oral diseases
Peter Reichart (Director, Department of Oral Surgery and Dental Radiology, Centre for Dental Medicine, Humboldt University of Berlin, Germany) Identification of risk groups for neoplasias
Jatin P. Shah (Director, Head and Neck Service, Memorial Sloan-Kettering Cancer Center, New York, U.S.A.) Evidence-based therapy of oral cancer

10:30 - 11:00
11:00 - 12:30Break
Scientific Session

Gottfried Schmalz (Director, Department of Operative Dentistry and Periodontology, University of Regensburg, Germany) Restorative dentistry and periodontology: overtreatment and undertreatment
Barbara D. Boyan (Director, Orthopaedic Research, Industry University Cooperative Research Center, University of Texas Health Science Center, San Antonio, Texas, U.S.A.) Bioactive proteins for regeneration of soft tissue and bone
Raul G. Caffesse (Distinguished Professor and Head, Division of Periodontics, Department of Stomatology, University of Texas Health Science Center, Houston, Texas, U.S.A.) Regeneration of soft and hard tissue defects
Yupin Songpaisan (Associate Dean for Academic Research, Faculty of Dentistry, Thammasni University, Pathum-Thani, Thailand) Atraumatic restorative treatment and material for broad application in developing countries

12:30 - 14:00
14:00 - 15:30Lunch
Scientific Session

Ursuline Nyandindi (National School Health Programme, Ministry of Health, Dar es Salaam, Tanzania) Affordable and effective promotion of oral hygiene
Anneli Milén (Director, National Research and Development Centre for Welfare and Health - STAKES; Helsinki, Finland) Oral health care strategies
Henning Birkedal-Hansen (Director, Division of Intramural Research, National Institute of Dental and Craniofacial Research, National Institutes of Health, Bethesda, Maryland, U.S.A.) Oral health in the post-genomic era
Carlos Wagner de Araujo Werner (Lins-São Paulo, Brazil) Chairman's remarks

15:30 - 16:00
16:00 - 17:30Break
Forum

Be your own dentist!

17:30

Closing of the day

4. Krebsforum Hannover "Die Krebserkrankung im Kontext"

Veranstalter:

CARITASVERBAND HANNOVER E. V.,
Beratungsstelle für Krebskranke und Angehörige Plathnerstr. 51, 30175 Hannover

08:30

Öffnung der Tagungsräume
Begrüßung und Einführung

09:00 - 09:15

Begrüßung: Propst **Klaus Funke**, Regionaldechant für die Region Hannover
Einführung: **Hannelore Dröge** und **Sabine Malinka**,
Beratungsstelle für Krebskranke und Angehörige, Caritasverband Hannover e. V.

09:15 - 10:40

Referate
Hoffnung worauf? Neue Ansätze in Behandlung und Forschung

Blauer Saal

Prof. Illinger (Oldenburg) Möglichkeiten der systemischen Behandlung - Chemo-Hormon-Antikörper-Therapie
Prof. Karstens (Hannover) Strahlentherapie - neue Ansätze
PD Dr. Schmutzler (Bonn) Familiäre Krebserkrankung - Chancen und Risiken der Gendiagnostik-

10:40 - 11:10

Kaffeepause
Feferate

11:10 - 13:00

Blauer Saal

Dr. Rethfeld (Düsseldorf, Möglichkeiten der Komplementärtherapie (die biolog. Medizin)
Dr. Schumacher (Münster)
Lebensqualität trotz Krebs - wichtige psychologische Aspekte bei der Verarbeitung von Krankheit u. Behandlung
B. Kleining (Osnabrück) Nicht erkrankt aber betroffen - die Angehörigen
Bert Hellinger (Ainring) Familienbande Bert Hellinger berichtet über die Familienaufstellung

13:00 - 14:30

Mittagspause
Workshops

14:30 - 17:00

Räume vor Ort ausgeschildert

Workshop 1: "Halt mich fest" - "fass mich nicht an" -
Körperliche Belastungen und körperliches Wohlergehen bei Krebserkrankungen.
Bernhard Kleining
Workshop 2: Aktivierung der Selbstheilungskräfte durch Meditation, Selbsthypnose und Aufstellungen.
Freda Eidmann
Workshop 3: TAKETINA... eintauchen in die Welt des Rhythmus.
Anka Hoberg, Mechtild Weber (Basstrommel)
Workshop 4 (nur für Ärztinnen und Ärzte):
Das Umgehen mit der "Wahrheit".
OA Dr. Zürner
Workshop 5: Krebs und Schmerz.
OA Dr. Heitland
Workshop 6: Ernährung bei Krebserkrankungen.
Prof. Dr. Schauder
Workshop 7: Malen als Weg, die Kunst der Gesundheit wiederzufinden.
Antje Kruse -Freund

18:00 - 21:00

Abend-Workshop

Niedersachsensaal

Workshop 8: Familienaufstellung.
Bert Hellinger, Studium der Philosophie, Theologie und Pädagogik. Psychoanalytiker, Gruppentherapie,
Primärtherapie, Transaktionsanalyse, Hypnotherapie, System und Familientherapie. Buchautor

Thursday, 10 August 2000

Pharmaceuticals

08:30
09:00 - 10:30Opening of the Congress Site
Scientific Session

Wolfgang Löscher (Director, Institute of Pharmacology, Toxicology and Pharmacy, Hannover School of Veterinary Medicine, Germany) Welcome address on behalf of the organizers

Chair: **Théophile Godfraind** (Acting Past-President, International Union of Pharmacology, Director, Department of Pharmacology, Catholic University of Louvain; Brussels, Belgium)

C. Thomas Caskey (President, Merck Genome Research Institute, Senior Vice President, Human Genetics & Vaccines Discovery, West Point, Pennsylvania, U.S.A.) Discovery of innovative drugs

Harri Vainio (Institute of Environmental Medicine, Division of Health Risk Assessment, Karolinska Institute, Stockholm, Sweden) Disease prevention by pharmaceuticals

Anthony H. Dickenson (Department of Pharmacology, University College, London, United Kingdom) New strategies in the treatment of inflammation and pain

10:30 - 11:00
11:00 - 12:30Break
Scientific Session

Günter Stock (Member of the Board of Executive Directors, Schering AG, Berlin, Germany) Cost-effectiveness of drugs

David Henry (Head, Discipline of Clinical Pharmacology, University of Newcastle, Australia) Cost-effectiveness of drugs

Pol Bamelis (Member of the Board of Management, Bayer AG, Leverkusen, Germany) Enabling technologies in life sciences research and development

12:30 - 14:00
14:00 - 15:30Lunch
Scientific Session

David Reilly (Director, The Academic Departments, Glasgow Homoeopathic Hospital, Glasgow, United Kingdom) Evidence-based results in alternative medicine

Klaus Lindpaintner (Roche Genetics, Hoffmann-La Roche AG, Basel, Switzerland) Impacts of genetics and genomics on future drug treatment

Philip J. Schneider (Director, Latiolais Leadership Program, College of Pharmacy, The Ohio State University, Columbus, Ohio, U.S.A.) Pharmaceutical care in the hospital pharmacy

Théophile Godfraind (Brussels, Belgium) Chairman's remarks

15:30 - 16:00
16:00 - 17:30Break
Forum

The challenge of rational drug use

17:30

Closing of the day

Thursday, 10 August 2000

Blauer Saal

Cardiac Imaging

14:30 - 18:00

Scientific Session

Chair: **Markus Schwaiger** (Director, Department of Nuclear Medicine, Technical University of Munich, Germany)

Paolo Camici (London, United Kingdom) Imaging of physiology and biochemistry using tracer approaches

Jonathan R. Lindner (University of Virginia Charlottesville, U.S.A.) Contrast echocardiography: from perfusion to molecular biology

John A. Rumberger (Mayo Clinic, Rochester, U.S.A.) What can we learn from coronary calcification?

Warren J. Manning (Boston, Massachusetts, U.S.A.) Non-invasive coronary angiography CT or MR?

Dudley Pennel (London, United Kingdom) Will MR be the main diagnostic tool in cardiology?

Leslee J. Shaw (Emory University, Atlanta, Georgia, U.S.A.) Costeffectiveness of cardiac imaging in the area of managed care

Heart Disease and Circulation Disorder

08:30
09:00 - 10:30Opening of the Congress Site
Scientific Session

Helmut Drexler (Director, Department of Cardiology and Angiology, Hannover Medical School)
Welcome address on behalf of the organizers

Chair: **Louis J. Ignarro** (Nobel Laureate for Medicine 1998, Department of Molecular and Medical Pharmacology, University of California Los Angeles School of Medicine, Los Angeles, California, U.S.A.)

Louis J. Ignarro (Los Angeles, California, U.S.A.)

Nitric oxide as a unique signaling molecule in the cardiovascular system

Ala Alwan (Department of Noncommunicable Disease Prevention, World Health Organization, Geneva Switzerland)
WHO's strategies in the prevention of cardiovascular diseases

Hermann Haller (Director, Department of Nephrology, Hannover Medical School, Germany)
Hypertension, a genetic disease

10:30 - 11:00
11:00 - 12:30Break
Scientific Session

David Thomas Kelly (Director, Scandrett Professor of Cardiology, Hallstrom Institute of Cardiology, Royal Prince Alfred Hospital, Camperdown, Australia)

Coronary artery disease and myocardial infarction in developing countries

Michael Berger (Head, Department for Metabolic Diseases and Nutrition, Director, WHO Collaborating Centre for Diabetes, Düsseldorf, Germany)

Prevention of the vascular complications of diabetes

Markus Schwaiger (Director, Department of Nuclear Medicine, Technical University of Munich, Germany)
Cardiac imaging

12:30 - 14:00
14:00 - 15:30Lunch
Scientific Session

Attilio Maseri (Director, Institute of Cardiology, Catholic University Sacro Cuore, Rome, Italy)
Inflammation and coronary artery disease

Michel E. Bertrand (Head, Department of Cardiology, Cardiological Hospital, University of Lille, France)
The "Achilles heel" of angioplasty: restenosis

Ronald G. Crystal (Chief, Division of Pulmonary and Critical Care Medicine, Department of Medicine, The New York Hospital - Cornell Medical Center, New York, NY, U.S.A.)

Cardiovascular gene therapy and angiogenesis and the treatment of heart disease

Helmut Drexler (Hannover, Germany) Chairman's remarks

15:30 - 16:00
16:00 - 17:30Break
Forum

The cause of coronary heart disease: lifestyle or infection?

17:30

Closing of the day

18:30

Italian Panel

EXPO 2000 Italian Pavillion

Augusto Zaninelli, Cesare Fieschi. "SPREAD: Stroke Prevention and Educational Awareness Diffusion"
(poster presentation)

Saturday, 12 August 2000

Nutrition and Food Safety

08:30
09:00 - 10:30Opening of the Congress Site
Scientific Session

Jörn Hamann (Director, Department of Hygiene and Technology of Milk, Centre of Food Sciences, Hannover School of Veterinary Medicine, Germany) Welcome address on behalf of the organizers

Chair: **W. Philip T. James** (Chairman, IOTF, London, United Kingdom)

W. Philip T. James (London, United Kingdom)

Global aspects of mal- and overnutrition

Prakash Shetty (Head, Public Health Nutrition Unit, London School of Hygiene and Tropical Medicine, London, United Kingdom)

Nutrition, health and development

Sultana Khanum (Regional Adviser in Nutrition for Health and Development, World Health Organization Regional Office for South-East Asia, New Delhi, India)

Micronutrient malnutrition

10:30 - 11:00
11:00 - 12:30Break
Scientific Session

Susan Alpert (Director, Food Safety Initiative, U.S. Department of Agriculture, Food Safety and Inspection Service, Washington, D.C., U.S.A.)

Risk assessment of biological hazards in food

Fritz K. Käferstein (Distinguished Visiting Scientist with the Food & Drug Administration and the Food Safety and Inspection Service, Joint Institute for Food Safety and Applied Nutrition, Washington, DC, U.S.A.)

Emerging problems in food safety

Edmond Panariti (Director, Institute of Veterinary Research, Tirana, Albania)

Chemical residues, contaminants and natural toxins with regard to consumer demands

12:30 - 14:00
14:00 - 15:30Lunch
Scientific Session

Joszeff Farkas (Director, Department of Refrigeration and Livestock Products Technology, University of Horticulture and Food Industry, Budapest, Hungary)

Future trends in food technology: novel food and transgenic food

Edward Groth III (Consumer International, New York, U.S.A.)

Food safety: a consumer perspective

Junshi Chen (Director, Institute for Nutrition and Food Hygiene, Chinese Academy of Preventive Medicine, Beijing, People's Republic of China)

Consumer expectations of a large population

W. Philip T. James (London, United Kingdom) Chairman's remarks

15:30 - 16:00
16:00 - 17:30Break
Forum

World trade economics in relation to nutrition and food safety

17:30

Closing of the day

18:00 - 20:00

Gesundheitsforum: "Da vergeht mir doch glatt der Appetit!" Siehe Seite 67



INI INTERNATIONAL NEUROSCIENCE INSTITUTE

Die Zukunft hat Gegenwart: das International Neuroscience Institute (INI)



*Professor Dr. Dr. Madjid Samii,
Direktor des International Neuroscience Institute,
Hannover*

Architektur SIAT Architektur + Technik München

Mit diesem einmaligen Bauwerk in Form eines Gehirns ist ein weltweit führendes und einzigartiges Zentrum für die Behandlung von Erkrankungen des Nervensystems entstanden.

International renommierte Ärzte bieten alle nur denkbaren Möglichkeiten moderner Neuromedizin, insbesondere der Neurochirurgie, Neurostrahlentherapie und Neuroradiologie in Diagnostik und Therapie. Einen besonderen Schwerpunkt des INI stellt die interdisziplinäre, chirurgisch-interventionell radiologische Behandlung von Gefäß- und Tumorzuständen des Nervensystems dar.

Zur Diagnostik stehen modernste Kernspintomographen und Angiographiegeräte zur Verfügung. Das Krankenhausinformationssystem schafft die technischen Voraussetzungen für ein krankheitsbildorientiertes Behandlungs- und Managementkonzept.

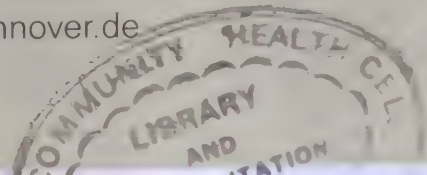
Die Siemens AG hat als Systemanbieter die Medizintechnik des hannoverschen „Kopfkrankenhauses“ realisiert.

So haben Medizin und Technik ein gemeinsames Ziel: **Integrated Neuro Care.**

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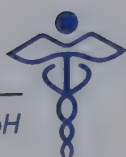
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Medicine Meets Millennium

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21 July - 31 August 2000

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und den internationalen wissenschaftlichen Austausch—
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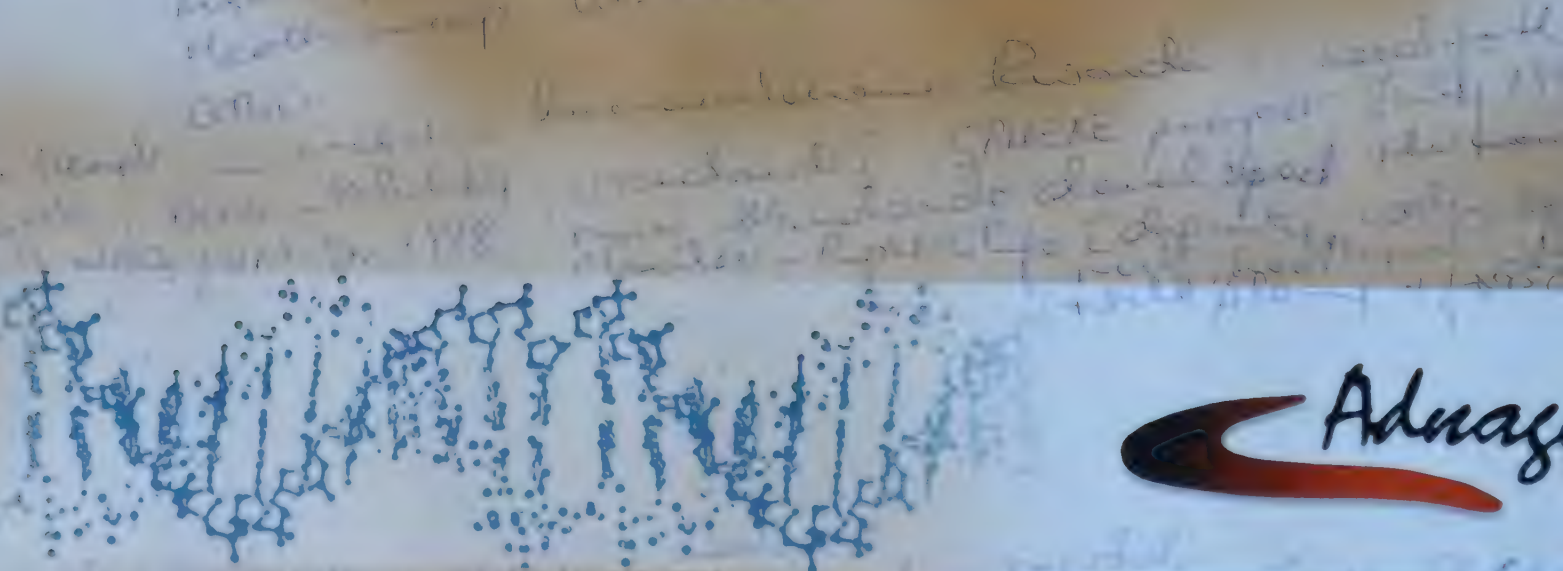


...not hope ...
...not be slipping ...
...transitional ...
...in local & public health

LM-DAT the ODA/CRED International Disaster Database
 Vulnerability & reassessment
 Natural, Technogenic, Conflict
 12,000 disasters since 1900
 2212 mil' people affected, 80,000 people killed
 Surveillance - ongoing systematic data collection
 & evaluation of data.

UNEP (WHO)
 NOCHA Regional
 National Disaster Lib - PAHO
 C.D.D.

Suma (PAHO) Supply Chain of Sp
 Disaster - Sri Africa
 Health - Crisis based WHO/UNICEF



Adnag

Amegucca 200mill - poverty
80%: extreme poverty

Humanitarian Action and Public Health in Disasters

08:30

Opening of the Congress Site
Scientific Session

09:00 - 10:30

Siegfried Piepenbrock (Director, Department of Anaesthesiology and Special Pain Therapy, Hannover Medical School, Germany)

Welcome address on behalf of the organizers

Chair: **Rayana Bu-haka** (Medical Center, American University of Beirut, Lebanon)

Claude de Ville de Goyet (Chief, Emergency Preparedness and Disaster Relief Coordination Program, Pan-American Health Organization, Washington, D.C., U.S.A.)

Disasters as a global public health problem

Sergei F. Goncharov (Major General, Director, All-Russian Center Disaster Medicine "Zaschita", Moscow, Russia)

Disasters as a challenge for international military support

Xavier Leus (Director, Department of Emergency and Humanitarian Action, World Health Organization, Geneva, Switzerland)

Allocation of national and international resources

10:30 - 11:00

Break

11:00 - 12:30

Scientific Session

Pierre Perrin (The International Committee of the Red Cross, Nobel Laureate for Peace 1945, Geneva, Switzerland)

Health, international humanitarian law and ethics in armed conflicts

José Luis Zeballos (World Health Organization Representative, Mexico)

Nature-determined threats: the El Niño experience

Muneo Ohta (Director, Osaka Prefectural Senri-Critical Care Medical Center, Osaka, Japan)

Nature-determined threats: the Kobe earthquake experience

12:30 - 14:00

Lunch

14:00 - 15:30

Scientific Session

James C. Cobey (Physicians for Human Rights, Member of The International Campaign to Ban Landmines, Nobel Laureate for Peace 1997, Boston, Massachusetts, U.S.A.)

Man-made threats: appropriate response to disaster

James Orbinski (International President, Médecins Sans Frontières, Nobel Laureate for Peace 1999, Brussels, Belgium)

Implementing humanitarian interventions

Rayana Bu-haka (Medical Center, American University of Beirut, Lebanon)

Title pending

Rayana Bu-haka (Medical Center, American University of Beirut, Lebanon) Chairwoman's remarks

15:30 - 16:00

Break

16:00 - 17:30

Forum

Humanitarian action is a worldwide responsibility: strategies for help

17:30

Closing of the day

18:00 - 20:00

Gesundheitsforum: Apocalypse now Siehe Seite 67

Monday, 14 August 2000

Access to Health

08:30 - 09:00
09:00 - 10:30Opening of the Congress Site
Scientific Session

Johannes-Matthias Graf von der Schulenburg (Director, Institute of Insurance Economics, University of Hannover & Research Centre for Health Economics and Health System Research, Hannover, Germany)
Welcome address on behalf of the organizers

Chair: **Klaus-Dirk Henke** (Director, Institute of Political Economics, Technical University of Berlin, Germany)
Frank A. Sloan (Director, Center for Health Policy, Law and Management, Duke University, Durham, North Carolina, U.S.A.)

Rationing versus rationalization in the health care systems
Klaus-Dirk Henke (Berlin, Germany) *Director, Institute of Political Economics, Technical University of Berlin, Germany*
How to define priorities in health care: an economist's view

Director, Institute of Political Economics, Technical University of Berlin, Germany
Concentration policy - How to define priorities in health care
Health Finance + Health Policy

10:30 - 11:00
11:00 - 12:30Break
Scientific Session

Thelma Narayan (Coordinator, Community Health Cell, Society for Community Health and Awareness, Research and Action, Bangalore, India) Reaching the poorest and disadvantaged populations

Winnie Mpanju-Shumbusho (Director, HIV/AIDS and Sexually Transmitted Infections Initiative, World Health Organization, Geneva Switzerland) Access to care for AIDS in Africa

G.O.H. Naumann (President of the International Council of Ophthalmology, Director, Department of Ophthalmology, University of Erlangen-Nürnberg, Germany)
Global networks of international organizations for the prevention of blindness

12:30 - 14:00
14:00 - 15:30Lunch
Scientific Session

Victor Levin (Head, Applied Radiation Biology and Radiotherapy Section, Division of Human Health, International Atomic Energy Organization, Vienna, Austria)

Access to high-technology medicine: the example of radiotherapy in developing countries

Yajun Guo (President and Distinguished Professor, International Joint Cancer Institute, Director, Cancer Immunogene Therapy Program, Sidney Kimmel Cancer Center, San Diego, California, U.S.A.)
Knowledge transfer

Klaus-Dirk Henke (Berlin, Germany) Chairman's remarks

15:30 - 16:00
16:00 - 17:30Break
Forum

Governments, international organizations and others: who does what for health?

17:30

Closing of the day

18:00 - 20:00

Gesundheitsforum: "Für ein Scherflein ist da nichts zu machen" Siehe Seite 67

08:30 - 09:00
09:00 - 10:30Opening of the Congress Site
Scientific Session**Udo Jonas** (Director, Department of Urology, Hannover Medical School, Germany)

Welcome address on behalf of the organizers

Chair: **Alexandre Kalache** (Director a.i., Health Promotion, Non-Communicable Diseases Prevention and Surveillance Department, World Health Organization, Geneva, Switzerland)**Alexandre Kalache** (Geneva, Switzerland)

Healthy ageing: a global perspective

Hellmut Erzigkeit (Head, Clinical Psychology, Department of Psychiatry and Psychotherapy, University of Erlangen-Nürnberg, Germany)

Concepts for integrating seniors' expertise into self-care and research programmes

Julia T. de Alvarez (Ambassador, Alternate Representative, Mission of the Dominican Republic to the United Nations, New York, U.S.A.)

Political advocacy for an ageing world

10:30 - 11:00
11:00 - 12:30Break
Scientific Session**Nana Apt** (Head, Department of Sociology, Director, Centre of Social Policy Studies, Faculty of Social Studies, University of Ghana) Ageing in Africa**Eino Heikkinen** (Head, Finnish Centre for Interdisciplinary Gerontology, University of Jyväskylä, Finland) Ageing in industrialized societies**Robert N. Butler** (President, International Longevity Center, New York, U.S.A.)

Productive ageing

12:30 - 14:00
14:00 - 15:30Lunch
Scientific Session**Irene Hoskins** (Health Promotion, Non-Communicable Diseases Prevention and Surveillance Department, World Health Organization, Geneva, Switzerland)

Gender perspective and healthy ageing

Udo Jonas (Director, Department of Urology, Hannover Medical School, Germany)

Sexual function in the elderly

H. Helmchen (Director, Department of Psychiatry, Free University of Berlin, Germany)

Ageing between self-determination and need of help

Alexandre Kalache (Geneva, Switzerland) Chairman's remarks15:30 - 16:00
16:00 - 17:30Break
ForumActive ageing makes a difference! Moderation: **Alexandre Kalache** (Geneva, Switzerland)

17:30

Closing of the day

18:00 - 20:00

Gesundheitsforum "...und wenn es hoch kommt, währt es 80 Jahr" Siehe Seite 67

Tuesday, 15 August 2000

Gesundheitsförderung und Prävention durch Krankenkassen: Mehr Informationskompetenz für Versicherte

11:00 - 12:30

Gesundheitsförderung und Prävention durch Krankenkassen:
Herausforderungen und Chancen

12:30 - 14:00

Mittagspause

14:00 - 15:30

Nutzung von Routinedaten - Praxisbeispiele

15:30 - 16:00

Pause

16:00 - 17:30

Neue Medien und neue Wege in der Gesundheitsförderung und Prävention

17:30 - 17:45

Pause

17:45 - 19:00

Öffentliche Podiumsdiskussion mit Spitzenvertretern der Krankenkassen

19:00

Ende der Veranstaltung

Das umfassende Programm liegt am Informationspult des Kongresses auf

Tuesday, 15 August 2000

Bonatzsaal

Zukunftsaufgabe gesunde Schule - Voraussetzung für eine gesunde Gesellschaft?

11:00 - 12:30

Lernziel Gesundheit

12:30 - 14:00

Mittagspause

14:00 - 15:30

Gesunde Schule in der Praxis: Beispiele aus Deutschland

15:30 - 16:00

Pause

16:00 - 17:30

Voneinander lernen: Beispiele aus der Schweiz, Finnland und Polen

17:30

Ende der Veranstaltung

Das umfassende Programm liegt am Informationspult des Kongresses auf

Managing Excellence in Health Care

08:30

09:00 - 10:30

Opening of the Congress Site
Scientific SessionChair: **Dr. Mike Perides****Mrs. Andrea Fischer** (Federal Minister of Health, Germany) Welcome Note (on request)**Dr. Moustafa Naguib** (Chairman of the EFQM Executive Committee, Brussels, Belgium) EFQM- Contributions to Excellence beyond 2000Professor **Dr. Hans-Dieter Seghezzi** (University of St. Gallen, Switzerland) Concepts on Quality Management**Dr. Udo Nabitz** (The Jellinek Centre for Addiction Research, Amsterdam, Netherlands) EFQM Model Development / Implementing Excellence in the Dutch Health Care System

10:30 - 11:00

11:00 - 12:30

Break

Scientific Session

Mr. Henry Stahr/Mrs. Kate Bernard (National Health Service (NHS), United Kingdom)
Implementing Excellence in the UK Health Care System**Dr. Oliver Wagner** (Chief Medical Officer, Sana Kliniken GmbH, Germany)
Implementing Excellence in a Private Hospital GroupProfessor **Dr. Hans Sonntag** (Dean of the Medical School, Heidelberg University, Germany) Excellence in Medical Education**Mrs. Kay Ennis** (Quality Assurance Facilitator, Dublin, Ireland)

Excellence in the Irish Health Care System under Special Consideration of Nursing Aspects

12:30 - 14:00

14:00 - 15:00

Break

Scientific Session

Chair: **Dr. Johannes Möller, Sue Jackson**Professor **Dr. Bernhard Güntert** (Dean of the School of Public Health, Bielefeld University, Germany)
Excellence in Health Care. The WHO Perspective**Dagmar Orth** (Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ) GmbH, (German Technical Cooperation) Aspects of Quality Management-Co-operative Development in Health Care**Dr. Johann Walter** (Siemens AG, Medical Engineering, Process and Improvement)
With EFQM on the Way to Excellence in Medical Engineering

15:30 - 16:00

16:00 - 17:30

Break

Forum

Chair: Professor **Dr. Jochen Breinlinger-O'Reilly**

17:30

Closing of the day

Wednesday, 16 August 2000

Health Promotion

08:30
09:00 - 10:30Opening of the Congress Site
Scientific Session

Friedrich Wilhelm Schwartz (Director, Institute of Epidemiology and Social Medicine, Hannover Medical School & Research Centre for Health Economics and Health System Research, Hannover, Germany)

Welcome address on behalf of the organizers

Chair: **Alexandre Kalache** (Director a.i., Health Promotion, Non-Communicable Diseases Prevention and Surveillance Department, World Health Organization, Geneva, Switzerland)

Eva Cox (Director, Department of Writing, Social and Cultural Studies, faculty of Humanities and Social Sciences, University of Technology, Sydney, Australia) A concept of health for the 21st century

Ichiro Kawachi (Director, Harvard Center for Society and Health, Harvard School of Public Health, Boston, Massachusetts, U.S.A.)

The wealth and health of nations: is economic growth sufficient for health?

Arja R. Aro (Director, Health Education Research Unit, Department of Epidemiology and Health Promotion, National Public Health Institute, Helsinki, Finland) Genes and health promotion

10:30 - 11:00
11:00 - 12:30Break
Scientific Session

Stephen Jan (Department of Public Health and Community Medicine, Social and Public Health Economics Research Group, University of Sydney, Australia)

Investment in health promotion: does it pay?

Elisabeth Pott (Director General, Federal Centre for Health Education, Cologne, Germany)

Social marketing in health promotion: concepts and their impact on behaviour and service provision

William Brieger (Director, Department of Preventive and Social Medicine, University of Ibadan, Ibadan, Oyo State, Nigeria)

Health promotion and community-based empowerment in Africa

12:30 - 14:00
14:00 - 15:30Lunch
Scientific Session

Detlef Schwefel (German Society for Technical Cooperation-GTZ, Guatemala)

Better health at the roots

Bodo Marschall (Head, Health Service Division, Volkswagen Group, Wolfsburg, Germany) Settings for health in a worldwide industry: the Volkswagen example

Ilona Kickbusch (Director, Division of International Health, Department of Epidemiology and Public Health, Yale University, New Haven Connecticut, U.S.A.)

Health promotion meets the 21st century

Alexandre Kalache (Geneva, Switzerland) Chairman's remarks

15:30 - 16:00
16:00 - 17:30Break
Forum

Building alliances for health Moderation: **Bernd Seguin** (NDR Hamburg, Germany)

Andrea Fischer (Federal Minister for Health, Germany) **Anne-Lore Köhne** (European Consumer Organization)

Günther von Lojewski (German Sport Association) **Andrew J. Hayes** (President, European

Public Health Alliance) **Jörg Hoppe** (President, Federal Physicians' Assembly) **Alexandre Kalache** (Geneva,

Switzerland) **Elisabeth Pott** (Director, Federal Centre for Health Education) **Birgit Gantz-Rathmann** (Board of German Railways)

17:30

Closing of the day

Qualitätsmanagement in der Gesundheitsförderung und Prävention

08:30
09:00 - 10:30 Öffnung der Tagungsräume
Optimierung der Gesundheitsförderung und Prävention durch Qualitätsmanagement?

10:30 - 11:00 Pause
11:00 - 12:30 Qualitätsmanagement in der Praxis

12:30 - 14:00 Mittagspause
14:00 - 15:30 Unterstützung bei der Einführung

15:30 Ende der Veranstaltung

Das umfassende Programm liegt am Informationspult des Kongresses auf

Niedersachsenhalle

Thursday, 17 August 2000

Gesundheitsförderung als Betriebsziel?

08:30
09:00 - 10:30 Öffnung der Tagungsräume
Gesundheit im Betrieb - ein Ziel für Unternehmen und Mitarbeiter

10:30 - 11:00 Pause
11:00 - 12:30 Gesundheitsförderungspraxis in europäischen Unternehmen

12:30 - 14:00 Mittagspause
14:00 - 15:30 Anreize und Aufbau von Strukturen zur Unterstützung von Unternehmen

15:30 Ende der Veranstaltung

Das umfassende Programm liegt am Informationspult des Kongresses auf

Sunday, 20 August 2000

International Neuroscience Institut Hannover

Virtual Reality and Telematics Optimizing Health

08:30
09:00 - 10:30

Opening of the Congress Site
Scientific Session

Dietrich Peter Pretschner (Director, Institute of Medical Informatics, University of Technology of Braunschweig, Germany) Welcome address on behalf of the organizers
Chair: **Anatoly Grigoriev** (Academician, Institute for Biomedical Problems, Space Biomedical Centre for Training and Research, Moscow, Russia)
Michael W. Vannier (Director, Department of Radiology, University of Iowa Health Care, Iowa City, Iowa, U.S.A.)
The virtual hospital: some years of experience
Dietrich Peter Pretschner (Braunschweig, Germany)
Simulating hospitals: re-engineering health care processes for the new millennium
C. Peter Waegemann (Executive Director, Medical Records Institute, American National Standards Institute's Healthcare Informatics Standards Board, Newton, MA, U.S.A.)
Health care in the information society

10:30 - 11:00
11:00 - 12:30

Break
Scientific Session

Jay H. Sanders (The Global Telemedicine Group, McLean, Virginia, U.S.A.)
Telematics and the future of health care
Jocelyne Picot (Infotelmed Communications Inc., Verdun, Quebec, Canada)
Telehealth
Anatoly Grigoriev (Moscow, Russia)
New ways of telemedicine for prolonged spaceflights

12:30 - 14:00
14:00 - 15:30

Lunch
Scientific Session

Makoto Takamiya (Director, Department of Radiology and Nuclear Medicine, National Cardiovascular Center, Osaka, Japan) Medical image reference centers
Mary Jo Deering (Director, Health Communication and Telehealth, Office of Disease Prevention and Health Promotion, U.S. Department of Health and Human Services, Washington, DC, U.S.A.)
Consumer health information
Pierluigi Giordano (Director, Department of Psychiatry, University of Palermo, Italy) Human development and technological revolution: the impact of information technology on the structure of mind
Anatoly Grigoriev (Moscow, Russia) Chairman's remarks

15:30 - 16:00
16:00 - 17:30

Break
Forum

Augmented reality: widening of perception

17:30

Closing of the day

18:30

Italian Panel

EXPO 2000 Italian Pavillion

Pierluigi Giordano. Italian therapeutic model to Alzheimer disease.

25 Years Deutsche Krebshilfe

09.00 - 18.00 Exhibition

"Helfen. Forschen. Informieren." - "To help. To research. To inform.", is the motto of the Deutsche Krebshilfe and undoubtedly one that describes best its work.

The exhibition offers a survey of these objectives and informs the visitor of the achievements of the organization over the past 25 years. It presents basic information on the subject of cancer, including cancer as it affects women, men and children. It also brings to light significant developments in the field and compares the methods that were used in the past to those being employed at the present time, while looking to the future for promising developments.

The idea behind the exhibition is to explain the concept of cancer to a large number of visitors through easily understandable texts. The visitor is given the opportunity to obtain information on subjects that interest him by opening drawers and leafing through a "museum book". Moreover, videos, overlays and CD ROMs are available. Through the highly appealing graphics, this sober subject becomes both stimulating and absorbing. Brochures, as well as boxes with important hints and addresses are available to provide the interested visitor with further information.

Die Deutsche Krebshilfe. Ohne Ihre Hilfe undenkbar. Spendenkonto 90 90 93, Sparkasse Bonn (BLZ 380 500 00)
Deutsche Krebshilfe e.V., Thomas-Mann-Straße 40, D-53111 Bonn

The Lifeline Express

09.00 - 18.00 Exhibition

The world's first hospital on a train, the Lifeline Express, was a "dream" project, which today is a "magical reality" to the poor people whose life it touches and affects in the remote areas of rural India. A replicable project, the "dream" has been translated into similar Lifeline Expresses in China and Central Africa, and as a Riverboat hospital in Bangladesh. This simple idea can be replicated in any country in the world to help make the lives of millions of disabled easier, globally.

IMPACT INDIA FOUNDATION International Initiative Against Avoidable Disability Tel: (91-22) 269 5348, 270 0397,
Fax: (91-22) 270 0395 Email: impactindia@bol.net.in, Website: www.impactfoundation.org

Gesundheitsforen der Ärztekammer Niedersachsen

Die Teilnahme an den Gesundheitsforen ist kostenlos

Sonntag, 30. Juli 2000

18:00 - 20:00

Macht Frau-Sein krank?

Ärztinnenausschuss der ÄKN mit Dr. med. **Astrid Bühren**, Präsidentin des Deutschen Ärztinnenbundes (Köln)

Freitag, 4. August 2000

18:00 - 20:00

Sommer, Sonne, Salmonellen

Infektionsschutz auf Fernreisen mit Prof. Dr. **Wolfgang Bommer**, Tropenmedizinischen Beratungszentrum (Göttingen), Prof. Dr. med. **J. Hacker**, Direktor des Instituts für Molekularbiologie der Infektionskrankheiten der Julius-Maximilians Universität (Würzburg) und Dr. med. **Klaus Plentz**, Leitender Medizinaldirektor des Gesundheitsamtes Landkreis Hannover (Hannover)

Sonntag, 6. August 2000

18:00 - 20:00

Rent-a-Kidney

Zur Ethik der Organtransplantation mit Prof. Dr. **Christoph Fuchs**, Hauptgeschäftsführer der Bundesärztekammer (Köln), Prof. Dr. **Gundolf Gubernatis**, Geschäftsführender Arzt der Organisationszentrale Deutsche Stiftung Organtransplantation (Hannover), Prof. Dr. med. **Axel Haverich**, Leiter der Klinik für Thorax-, Herz- und Gefäßchirurgie der Medizinischen Hochschule (Hannover), Prof. Dr. **Brigitte Lohff**, Leiterin der Abteilung Medizingeschichte, Ethik und Theoriebildung in der Medizin der Medizinischen Hochschule (Hannover) und Dr. med. Dr. phil. **Eckhard Nagel**, Abteilung Viszeral- und Transplantationschirurgie der Medizinischen Hochschule (Hannover)

Montag, 7. August 2000

18:00 - 20:00

Dem Schöpfer ins Handwerk gepfuscht?

Chancen und Risiken der Gentechnologie mit Prof. Dr. med. **Karsten Held**, Vorsitzender der Ethikkommission der Ärztekammer Hamburg (Hamburg) und Prof. Dr. rer.nat. **Klaus-Dieter Jany**, Direktor des Molekularbiologischen Zentrums der Bundesforschungsanstalt für Ernährung (Karlsruhe)

Samstag, 12. August 2000

18:00 - 20:00

"Da vergeht mir doch glatt der Appetit!"

Der Chemiker am Mittagstisch - oder: Wie gefährlich sind Lebensmittelzusatzstoffe? mit Prof. Dr. med. **Heyo Eckel**, Präsident der Ärztekammer Niedersachsen (Göttingen), Univ.Prof. Dr. Dr. habil. **Jörn Hamann**, Abteilung Hygiene und Technologie der Milch, Tierärztliche Hochschule (Hannover), Univ.Prof. Dr. Dr. habil. **Heinz Nau**, Direktor der Abteilung Lebensmitteltoxikologie, Tierärztliche Hochschule (Hannover) und Prof. Dr. med.vet. **Siegfried Wenzel**, Direktor der Abteilung Lebensmittelkunde, Fleischhygiene und -technologie, Tierärztliche Hochschule (Hannover)

Sonntag, 13. August 2000

18:00 - 20:00

Apocalypse now

Globale Katastrophen - ausgeliefert oder beherrschbar? mit Prof. Dr. Heyo Eckel, Präsident der Ärztekammer Niedersachsen (Göttingen)

Montag, 14. August 2000

18:00 - 20:00

"Für ein Scherflein ist da nichts zu machen"

Gesundheitskosten im neuen Jahrhundert mit Prof. Dr. **Heyo Eckel**, Präsident der Ärztekammer Niedersachsen (Göttingen) und Prof. Dr. rer.pol. **Johannes- Matthias Graf von der Schulenburg**, Institut für Versicherungsbetriebslehre und -informatik der Universität (Hannover)

Dienstag, 15. August 2000

18:00 - 20:00

"... und wenn es hoch kommt, währt es 80 Jahr!"

Älter werden und alt sein in der Industriegesellschaft mit Prof. **Klaus Dirk Henke**, Direktor des Instituts für Wirtschaftspolitik der Technischen Universität (Berlin) und Prof. Dr. phil. **Adelheid Kuhlmei**, Mitglied im Sachverständigenrat für die Konzertierte Aktion im Gesundheitswesen, Fachhochschule Braunschweig-Wolfenbüttel (Wolfsburg)

Sunday, 30 July - Wednesday, 2 August 2000

Münster, Westphalia, Germany

1st CONFERENCE ON NEUROSURGICAL REHABILITATION

Chair: **Klaus R.H. von Wild** (Chairman, Neurorehabilitation Committee, World Federation of Neurosurgical Societies, Head, Department of Neurosurgery, Clemens Hospital, Academic Teaching Hospital of the University of Münster, Germany)

Sunday, 30 July 2000

Visit to EXPO 2000 and MMM

Monday, 31 July 2000

Scientific Programme in Münster

Details: www.mh-hannover.de/MMM

Tuesday, 1 August 2000

08:00

Visits to Departments of Neurorehabilitation

Bus trip to Hessisch Oldendorf

Visit to the Neurological Clinic for Neurorehabilitation Hessisch-Oldendorf Head: **W. Gobiet**, Neurosurgeon, Neurologist and Rehabilitative Medicine
Dysport Hands on-Workshop (IPSEN PHARMA)

13:00

Departure to Hattingen-Holthausen

Visit to the Clinic for Neurosurgical Rehabilitation Head: **Werner Ischebeck**

Wednesday, 2 August 2000

Visits to Departments of Neurorehabilitation

Visit to the Early Neurorehabilitation Ward, Department of Neurosurgery, Clemenshospital Münster
Botox Hands on-Workshop (MERZ-ALLERGAN)

Visit to EXPO 2000 and MMM (optional)

Bonus Program Medical Rehabilitation in Germany: Experience and Development

Bonus Program

On 3 August 2000, we invite you to be our guest. You'll have your choice of 3 different locations, where you'll be given a behind-the-scenes look at the newest developments in cost-efficient modern methods of rehabilitation.

Special guided tours of

- a) the Bad Pyrmont Psychosomatic Clinic www.fkbp.de (Clinic for Psychosomatic Medicine and Behavioral Therapy) and the Allgemeine Hospitalgesellschaft www.ahg.de, and
- b) the Friedrichshöhe & Brunswick Clinic Association (LVA Hannover and LVA Braunschweig)
- c) a guided tour of historical Bad Pyrmont www.bad-pyrmont.de.

All 3 of these special bonus programs are being offered to you free of charge

For a visit to Bad Pyrmont, with a tour of two clinics, lunch and a guided tour through historical Pyrmont, the bus leaves at 9:30 a.m. and will return at 6:00 p.m.

For a visit to Wunstorf, with a tour of the Ex + Job facilities and a cold buffet lunch, busses leave at 9:30 a.m. and 2:00 p.m.

For a visit in Hannover, with a tour of the Hannover Health Center facility and a cold buffet lunch, busses leave at 9:30 a.m., 12:30 p.m. and 2:00 p.m.

Registration

You can register by E-mail Eberhard.Grosch@t-online.de or during the Convention itself on 2 August 2000. To register by mail, write to:

Dr.med. **Eberhard Virtus Grosch** c/o LVA Hannover Lange Weihe 2 D - 30875 Laatzen

Global Dialogue for Health, 29 - 31 August 2000

Health: The Key to Human Development

Organized by Medicine Meets Millennium and EXPO 2000 Hannover, co-organized by the Dräger Foundation, co-sponsored by the World Health Organization

The Global Dialogue for Health will provide a platform where a diverse group of individuals - experts, interest groups, representatives of public and private sectors, and, above all, young people - can come together to exchange views and chart the way forward towards a vision of a sustainable future that holds meaning for all elements of society, across the globe.

Despite a century of dramatic advances in public health, the world is today facing new challenges to health. Over the past 20 years, at least 30 new diseases have been identified, including HIV/AIDS. To make matters worse, many developing countries are facing not only the continuing problem of infectious diseases but also a rapid upsurge in non-communicable diseases.

Taking three of the most burning topics of the preceding World Congress on Medicine and Health, tobacco, HIV/AIDS and people empowerment with regard to health control as entry points, the Global Dialogue for Health will underline the diversity of approaches to securing better health, will draw attention to the many determinants of health that lie within and outside the health sector and will point to health as the key to human development.

29 August Tobacco: Blowing away health

By 2020, tobacco use is expected to kill more people than any single disease. Already, smoking accounts for 4 million deaths a year, about 11,000 deaths every day. In addition to the suffering and lives lost, tobacco production harms the environment and hampers development. The first day of the Dialogue will address the socio-economic determinants and forces that are driving the emerging tobacco epidemic worldwide and will provide a discussion forum aimed at developing comprehensive strategies to help facilitate a tobacco-free lifestyle.

30 August HIV/AIDS: Fighting the epidemic

At the dawn of the new millennium, the world is facing an unprecedented human tragedy - the loss of millions of lives to the AIDS epidemic. Already the epidemic has caused the deaths of over 16.3 million people. By the end of the year 2000, 13 million children will have lost their mother or both parents to AIDS. The programme for this day has been jointly developed by the World Health Organization (WHO), the Hannover Medical School (MHH) and the Joint United Nations Programme on HIV/AIDS (UNAIDS).

31 August Health: Taking control

The third day of the Dialogue will focus on ways of increasing people's control over their own health and the health of other people. This implies a level of knowledge, personal skills and confidence sufficient to take action to improve personal and community health by changing personal behaviour patterns, lifestyles and living conditions.

Special features:

Global Focus Speech

On the opening day of the EXPO 2000 Global Dialogue for Health on 29 August 2000, Dr **Gro Harlem Brundtland**, Director-General of WHO, former Prime Minister of Norway and head of the World Commission on Environment and Development (WCED), will deliver a Global Focus speech entitled "Health: The Key to Human Development".

Awarding of Quit and Win Superprize

Dr **Brundtland**, together with the German Minister for Health **Andrea Fischer**, will award the international superprize to the winner of the fourth international Quit and Win competition, a biennial international initiative to encourage adults to quit smoking. About 100 countries are joining the campaign this year, with Germany participating for the first time. The winner of the international super prize of US\$ 10,000 will travel to EXPO 2000 on 29 August 2000 to receive the award.

Talk Around the World

The youth show Talk Around the World (30 August 2000), will focus on the issue of HIV/AIDS. Moderated by MTV International, the show will give young people the opportunity to exchange their experiences and suggest actions for HIV/AIDS prevention and care from their perspective. Stars from the world of culture and music are expected to attend.

Platform for the Future

Moderated by **Sabine Christiansen**, Germany's most famous journalist and host of the prime time TV show "Sabine Christiansen", this debate with world-renowned thinkers and celebrities from culture, sport and health will focus on one of the key challenges that lies ahead: how to ensure that the current knowledge is made widely available and applied in a way that is relevant to the way people lead their lives.

Go Basic

Despite the tremendous health challenges, action around the world is contributing to a healthier future. EXPO 2000 Worldwide Projects as well as exemplary initiatives that are not registered as EXPO 2000 projects will be discussed in the plenary sessions of the three days of the Global Dialogue for Health and presented in the "Go Basic" exhibition.

Shaping the Future

A special meeting entitled Shaping the Future will provide a platform for 30 brilliant scientists under 35 years and from all over the world to present their ideas as to how health and well-being can be attained for everyone. Selected by competition, these young scientists will be able to create new networks for exchanging ideas and information with one another and renowned colleagues from all over the world. Shaping the Future is supported by the Volkswagen Foundation.

Tuesday, August 29, 2000

Tobacco: Blowing away health

09:00
10:00 - 13:30Opening of the Congress Site
Science in Dialogue: Tobacco beyond the health issue

Introduction and welcome **Gerhard Franz Walter**, Secretary General, Organizing Committee of the Global Dialogue for Health; Director, Institute of Neuropathology, Hannover Medical School, Germany

Dialogue and Q&A Session
Moderator: **Rob Moodie**, CEO, Victorian Health Promotion Foundation, Carlton South, Australia
(EXPO 2000 Worldwide Project)

The tobacco epidemic: a global overview **Derek Yach**, Executive Director, Noncommunicable Diseases and Mental Health Cluster, Manager, WHO Tobacco-free Initiative, World Health Organization, Geneva, Switzerland

Economics of tobacco control **Prabhat Jha**, World Bank, Author of Curbing the Epidemic: Governments and the Economics of Tobacco Control, Washington, D.C., USA

Legal and regulatory issues **John Ryan**, Deputy Head of Unit, Public Health Directorate of the Directorate General on Health and Consumer Protection, European Commission, Brussels, Belgium

Smoking kills: health effects of active and passive smoking **Martina Pötschke-Langer**, Head of Unit Cancer Prevention, German Cancer Research Center, Heidelberg, Germany

The role of health professionals **Karen Slama**, Coordinator INGCAT (International Non-Governmental Coalition Against Tobacco), Paris, France

Freedom of choice: responsibility of tobacco industry, responsibility and rights of smokers, rights of non-smokers
Mary Assunta Kolandai, Media Officer, Consumers Association of Penang, Pulau Pinang, Malaysia

12:30 - 13:30
13:30 - 15:00Break
Shaping the Future: Nutrition and health

Chair: **Waldemar Ternes**, Director, Department of Chemical Analytics, Hannover School of Veterinary Medicine, Germany

Energy density and global nutrition habits: a study in the UK and Malaysia **Sue Louise Reeves**, Oxford Brookes University, Oxford, England

Towards sustainable shopping, cooking and eating in the Netherlands: a new strategy aiming at sustainable food consumption and production systems **Jaco Quist**, Faculty of Technology Policy and Management, Delft University of Technology, The Netherlands

Brassica plants as a new source of food grade peptidases **Gueorgui Mihov**, Institute of Organic Chemistry, Bulgarian Academy of Science, Sofia, Bulgaria

Production and Characterization of hypoallergenic chickpea protein hydrolysates of high protein quality **Alfonso Clemente**, Department for Scientific Investigation C.S.I.C., Institute of Fats, Seville, Spain

A method to produce a functional sugar cane juice **Azhar Mat Easa**, School of Industrial Technology, Food Technology Division, University of Science, Penang, Malaysia

A selective PES/PVP membrane for the adsorption of polyphenols and brown colour of apple juice **Vural Gökmen**, Food Engineering Department, Hacettepe University, Ankara, Turkey

Enzymes as versatile tools in fruit and vegetable processing **Sridevi Annapurna Singh**, Department of Protein Chemistry and Technology, Central Food Technological Research Institute, Mysore, India

Development of rapid enzymatic test kits for predicting early post-mortem pork quality **Mónica Flores**, Institute of Agrochemistry and Food Technology (IATA), Valencia, Spain

Microentrapped co-culture of *Lactobacillus acidophilus* and *Bifidobacterium bifidum* for inhibition of enteropathogens **Ruchi Kushal**, National Dairy Research Institute, Karnal, India

Chronic aflatoxicosis in fish and its relevance to human health **Gayatri Murjani**, Central Institute of Freshwater Aquaculture, Bhubaneswar, India

Tobacco: Blowing away health

13:30 - 13:30
13:30 - 15:00

Break

Workshop 21: How much control makes sense?

Moderator: **Clement Bezold**, President, Institute for Alternative Futures, Alexandria, VA, USA

Tobacco and marketing techniques **Mary Assunta Kolandai**, Media Officer, Consumers Association of Penang, Pulau Pinang, Malaysia

Tobacco and gender **Mabel Bianco**, Director, Unit HIV/AIDS and STDs, National Ministry of Health, Buenos Aires, Argentina

Tobacco, youth and children **Drahoslava Hrubá**, Head of Department of Preventive Medicine, Faculty of Medicine, Masaryk University, Brno, Czech Republic

Tobacco control in very low-income areas **Walinjom F.T. Muna**, President of the Tobacco Control Commission for Africa (TCCA), University of Yaounde, Cameroon

Impact of tobacco control on tobacco industry's business **Jeffrey Wigand**, Ex-Vice President of Research and Development of Brown & Williamson Tobacco Corporation, BAT, Charleston, USA

15:00 - 15:30
15:30 - 16:30

Break

Global Focus: Creating a culture without tobacco

Moderator: **Wolfgang Klein**, MedienKontor, Berlin, Germany

Welcome addresses **Madjid Samii**, President, Organizing Committee of the Global Dialogue for Health; President, World Federation of Neurosurgical Societies; Director, Department of Neurosurgery, Hannover Medical School, Germany **Dieter Feddersen**, Member of the Board, Dräger Foundation, Lübeck, Germany

Health: the key to human development **Gro Harlem Brundtland**, Director General of the World Health Organization, Geneva, Switzerland

Address of **Andrea Fischer**, Federal Minister of Health, Berlin, Germany

Presentation of the International Quit and Win Competition **Pekka Puska**, National Public Health Institute, Helsinki, Finland

Laudatio for the winner of the International Super Prize, **Ms Cristina Yavar**, aged 23, of Coquimbo, Chile

Martina Pötschke-Langer, Heidelberg, Germany

Awarding of the International Super Prize **Gro Harlem Brundtland** and **Andrea Fischer**

16:30 - 17:15

Panel Discussion

Moderator: **Wolfgang Klein**, MedienKontor, Berlin, Germany

Jeffrey Wigand, Ex-Vice President of Research and Development of Brown & Williamson Tobacco Corporation, BAT, Charleston, USA

Derek Yach, Executive Director, Noncommunicable Diseases and Mental Health Cluster, Manager, WHO Tobacco-free Initiative, World Health Organization, Geneva, Switzerland

Tanya Selvaratnam, Actress and Film Producer, Harvard Graduate in International Legal History, Board Member of Third Wave - a Foundation for Young Women, Sri Lanka Leslie Nuchow, Singer who has refused tobacco industry sponsorship, Brooklyn, NY, USA

17:15

Closing of the day

Wednesday, August 30, 2000

HIV/AIDS: Fighting the epidemic

09:00
10:00 - 11:30Opening of the Congress Site
Science in Dialogue: The threatIntroductory remarks **Madjid Samii**, Hannover, GermanyDevelopmental cooperation **Heidemarie Wieczorek-Zeul**, Federal Minister for Economic Cooperation and Development, Berlin, GermanyDialogue and Q&A Session
Moderator: **Nigel Wrench**, BBC Radio 4, London, United KingdomThe epidemic and its impact **Winnie Mpanju-Shumbusho**, Director, HIV/AIDS Initiative, World Health Organization, Geneva, SwitzerlandGlobalization trends and AIDS **Kathleen Cravero**, Deputy Executive Director, UNAIDS, Geneva, SwitzerlandPrevention and care technologies, current and in development **Pedro Chequer**, Advisor for Southern Cone, UNAIDS Inter-country Programme, Buenos Aires, ArgentinaTreatment **Stefano Vella** (invited), President, International AIDS Society, Rome, ItalyOpportunities and challenges for AIDS prevention **Eka Esu Williams**, President, Society for Women Against AIDS in Africa (SWAA), The Population Council, Johannesburg, South AfricaOpportunities and challenges for AIDS prevention **Gundo Weiler**, Medical and Health Policy Advisor, National German AIDS Organization, Berlin, Germany12:30 - 13:30
13:30 - 15:00Break
Workshop 21: The response to HIV/AIDSModerator: **Clement Bezold**, Alexandria, VA, USABringing HIV prevention and care together including counselling and testing
Sophia Mukasa Monico, Chief Executive Officer, The AIDS Support Organization, Kampala, UgandaAccess to care **Pedro Chequer**, Advisor for Southern Cone, UNAIDS Inter-country Programme, Buenos Aires, ArgentinaCommercial sex and prevention of AIDS **Smarajit Jana**, HIV-Program Coordinator, CARE-BANGLADESH, Dhaka, Bangladesh (EXPO 2000 Worldwide Project)The business response to HIV/AIDS **Georgia Franklin**, MTV International, London, UK

13:30-15:00

Shaping the Future: Medical care and health

Chair: **Reinhold Ernst Schmidt**, Director, Department of Clinical Immunology, Hannover Medical School, Germany

Usage of the split-ubiquitin interaction system in human cells **Eileen Rojo-Niersbach**, Max-Planck-Institut für Züchtungsforschung, Cologne, Germany

CGH, FISH and classical cytogenetics as tools to identify chromosomal changes in patients with CLL
Katerina Jedlickova, Faculty of Medicine, The Palacky University, Olomouc, Czech Republic

Low-dose dopamine: renal effects, morbidity and mortality in the ICU **Joachim Unger**, Department of Anaesthesiology, Hannover Medical School, Germany

Clinical and immunological aspects of pathogenesis, diagnostics, treatment and prevention of chronic gastritis and duodenitis **Marat Konorev**, State Medical University, Vitebsk, Belarus

Improving malaria services by identifying the motivational gaps of the technical staff in an urban setting
Vibhavendra Singh Raghuyamshi, South Gujrat University, Governmental Medical College, India

Microsomal lipid peroxidation is exacerbated by anti-malaria drugs in the presence of oxidants
Stanley Adoro, University of Ibadan, Nigeria

Immune response in malaria: immunogenicity of long, synthetic polypeptides from the circumsporozoite protein of *Plasmodium falciparum*
John Mario Gonzales Escobar, Department of Immunology, Valle University, Cali, Colombia

Vaccination: once in a lifetime? Biodegradable microparticles may abolish the need of multiple vaccination sessions
Pål Johansen, Swiss Institute of Technology (ETH), Zurich, Switzerland

Genomic modifications in oral polio virus vaccine strains after multiplication in humans and implications for the eradication polio virus **Fabian Friedrich**, Instituto Oswaldo Cruz, Rio de Janeiro, Brazil

Antimony specialization in promastigotes and amastigotes of *Leishmania Donovan*
Nina Ulrich, Department of Anorganic Chemistry, University of Hannover, Germany

15:00 - 15:30
15:30 - 17:00

Break

Talk around the World: AIDS - Fighting the epidemic

Global live TV talk show with young people Moderator: **Cyrus**, MTV India

Case studies:

How not to become HIV-positive
Fighting complacency
Stigma and discrimination

17:00

Closing of the day

Thursday, August 31, 2000

Health: Taking control

09:00
10:00 - 12:30Opening of the Congress Site
Science in Dialogue: Health communications in times of changeIntroductory remarks **Madjid Samii**, Hannover, GermanyCompetence centres and networks **Edelgard Bulmahn**, Federal Minister for Education and Research,
Berlin, GermanyDialogue and Q&A Session
Moderator: **Heidi Larson**, Sr. Communications Advisor, "The Stop Tb Initiative", World Health Organization, Geneva,
SwitzerlandHealth in a changing communications environment **Kunda Dixit**, Director, The Panos Institute for South Asia, Patan,
Kathmandu, NepalPromoting health literacy: a challenge for health communication into the 21st Century **Don Nutbeam**,
Head of Department of Public Health & Community Medicine, The University of Sydney, AustraliaNew partnerships for health **Garth Japhet**, "Soul City", Houghton, South AfricaCatalyzing social movements for health **Heidi Larson**, Sr. Communications Advisor, "The Stop Tb Initiative",
World Health Organization, Geneva, SwitzerlandHealth and the new media **Ulrich Wandschneider**, Partner, Arthur Andersen Management Consulting,
Hamburg, Germany12:30 - 13:30
14:00 - 15:30

Break

Workshop 21: Empowerment: How to acquire knowledge?

Moderator: **Clement Bezold**, President, Institute for Alternative Futures, Alexandria, VA, USA**Kunda Dixit**, Director, The Panos Institute for South Asia, Patan, Kathmandu, Nepal**Rob Moodie**, CEO, Victorian Health Promotion Foundation, Carlton South, Australia
("Quit" EXPO 2000 Worldwide Project)**Wolfgang Rosenbauer**, Representative of the Board, Philips GmbH, Berlin, Germany**Nasima Saha**, Cox's Bazar Healthy Town Program, Dhaka, Bangladesh (EXPO 2000 Worldwide Project)

8:30-15:00 Shaping the Future: Sociology and technology for health

Chair: **Dietrich Peter Pretschner**, Director, Institute of Medical Informatics, University of Technology of Braunschweig, Germany

Mutual Health Insurance (MHI): A viable solution to increase the access to health care ? Case study: Ethiopia
Johannes Jütting, Center for Development Research, University of Bonn, Germany and **Abay Asfaw**, Ethiopia

Views on mental health needs of women of South East Asia
Rashmi Lakshiminarayana, St. John's Medical College Hospital, Bangalore, India

Sacerdotal medicine and ethnotherapy in Dacia before the Roman conquest
Claudiu Octavian Mihaescu, University of Medicine and Pharmacy, Targu Mures, Romania

Proprioceptive balance training for elderly community dwellers
Katharine Emily Forth, St. Mary's College, University of Surrey, England

Coding of the tactile sensory information controlling the precise dextrous manipulations in humans
Ingvars Birznieks, Department of Integrative Medical Biology, University of Umea, Sweden

A pilot study of the implementation of life skills education in schools in China
Kai Zhou, Beijing Medical University, China

E-doctors and E-patients: an assessment of virtual support groups and a changing physician-patient-relationship in the online-age **Frederik Tautz**, Heinrich-Heine-Universität Düsseldorf, Germany

3D-CTA in the preoperative evaluation of intracranial AVMs
Jin-song Wu, Shanghai Medical University, China

Virtualization to support and optimize the clinical process
Oliver Johannes Bott, Institute of Medical Informatics, University of Technology Braunschweig, Germany

15:00-15:30

15:30-17:00

Break

Platform for the Future: How to translate knowledge into action?

Moderator: **Sabine Christiansen**, Anchorwoman of ARD (First German Television Program), UNICEF Ambassador, Hamburg, Germany

Participants include:

Madjid Samii, Hannover Medical School, Germany
Michael Stich, Michael Stich Foundation, Hamburg, Germany
Garth Japhet, "Soul City", Houghton, South Africa
Nasima Safa, Cox's Bazar Healthy Town Program, Dhaka, Bangladesh (EXPO 2000 Worldwide Project)

Closing remarks: Health Futures
Clement Bezold, President, Institute for Alternative Futures, Alexandria, VA, USA 1

17:00

Closing of the day

Is there a legacy of Medicine Meets Millennium?



Gerhard Franz
Walter

The unifying theme of the World Exposition EXPO 2000


is sustainable development, defined in the Brundtland Report (United Nations Conference for Environment and Development, 1992 in Rio de Janeiro) as the reconciliation of the needs of today and the maintenance of meaningful choices for future generations. Health is a precious good which has to be put in the centre of sustainable development. Good health enables a socially fulfilling and economically productive life and contributes to social and economic development.

EXPO 2000 offers a unique opportunity to learn and discover about health in different ways through: The Health Futures exhibition which will feature in the Thematic Area of EXPO 2000 and vividly presents some of today's key developments that are shaping the lives we will lead tomorrow, the World Congress on Medicine and Health Medicine Meets Millennium which examines ways of overcoming persistent challenges for health, and the EXPO 2000 Global Dialogue for Health: Health: The Key to Human Development directed at the coming generations. Furthermore, a large number of EXPO 2000 Worldwide Projects are related to health issues, ranging from exemplary grass-root initiatives to futuristic hi-tech approaches. These events stand on their own, but also share interrelated themes and therefore complement each other.

Medicine Meets Millennium symbolizes a remarkable new initiative in international cooperation and in the search for new forms of partnership for all aspects of health.

Why new forms of participation? A parallel perception over the past few years is that, if economics and the environment can be reconciled, it has to be in the interests of all. Attempts to promote sustainable development will fail if they are not inclusive, if they do not give all stakeholders an interest in pursuing the goals of sustainability. It follows that strategies to encourage sustainability must be formulated with the active participation of as wide a range of voices as possible. This is a global task.

The opposition to globalization stems in part from the perception that it is weakening the political mechanisms which have hitherto been seen as a guarantee of human dignity; as national boundaries begin to lose meaning in an internationalizing world, what kind of institutional framework can replace the democratic controls on which individuals and social groups relied to maintain their sovereignty? Fear of the unknown is rational. Hence the importance of fostering a climate of opinion in which the benefits of globalization can be perceived without fear - either for individuals themselves, their societies or the planet they live on - and in which citizens in all parts of the world see themselves directly involved in participatory mechanisms which allow them to help shape their own futures.



The future of humankind requires a dynamic, global partnership for sustainable development. Such a partnership will derive its impetus not from formal agreements between states and solemn undertakings by industry but as the expression of a concern shared by individuals and groups from different countries and generations and with different origins. Their common enterprise should guide the search for the basis on which society can continue to evolve. That basis must be inclusive, according all individuals the same rights and dignities, not least the control of their own destinies. It must allow new and genuine forms of participation across the gamut of human activities. These novel forms of social interaction must embrace technological achievement, foster creativity, open educational opportunities and deploy knowledge so as to generate employment. Their goals are not only economic: they must also empower local entities, promote gender justice and strengthen relations between all stakeholders.

A global partnership requires active involvement and personal commitment. Therefore, as legacy of Medicine Meets Millennium as well as of the series of altogether ten Global Dialogues during EXPO 2000, a Global Partnership Hannover Association has been founded, presided by Ricardo Diez Hochleitner, the president of the Club of Rome. The goal of the Association is to promote a worldwide dialogue, aiming at a global partnership for sustainable development, a continued discussion on the topics "Humankind - Nature - Technology" on various levels and at the promotion of novel knowledge to be included into this discussion.

Gerhard Franz Walter
Secretary General of Medicine Meets Millennium

World Congress on Medicine and Health

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Organization

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Convention Center at the EXPO 2000 site

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